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1903/04

WOMEN'S COLLEGE

IN

BROWN UNIVERSITY

1903-1904

The Women's College

TIME SCHEDULE, FI

(This schedule includes only the separate courses given at the College. Fo

	MONDAY	TUESDAY	WEDNESDAY
9 A. M.	Education 4 Philosophy 2 Latin 4 Latin 1 French 37 French 7 French A	History of Art 1 Education 1 Greek 4 Latin 1 German 46 Comp. Literature 1	History of Art 1 Education 1 Greek 4 Latin 1 German 46 Comp. Literature 1
10 A. M.	Philosophy 8 History 1 English 7 French 1 (1) and (2) Astronomy 1	History 19 or 28 English 70 English 1 (1) and (2) Physics 1	Philosophy 8 History 1 English 7 French 1 (1) and (2) Astronomy 1
11 A. M.	English 67 Music 14 English 16 Mathematics 10 Mathematics 3 (1) and (2)	English 67 Music 14 English 16 Mathematics 10 Mathematics 3 (1) and (2)	History 11 Political Economy 12 Mathematics 3 (1) a English 52
12 M.	Political Economy 1 Greek 45 German 1 German 24 Biblical History 1	Greek 47 Greek 1 Latin 7 Social Science 10 Physical Geography 1	Political Economy 1 Greek 45 German 1 German 24 Biblical History 1
1 P. M.			Household Economic
2 P. M.	German 4 Chemistry 1	German 4 Chemistry 1	Household Economic Comp. Anatomy 15
3 P. M.	Botany 1	Botany 1 English 4	
3:15 P. M.	Gymnasium (Sophomores)		
4:15 P. M.	Gymasium (Freshmen)		

NOTE: Hours for Greek A will be assigned when the class is formed.

in Brown University

T TERM, 1903-1904

e University courses open to women, see the University time schedule)

	THURSDAY	FRIDAY	SATURDAY
	Education 4 Philosophy 2 Latin 4 French 37 French 7 French A	Education 4 Philosophy 2 Latin 4 French 37 French 7 French A	History of Art 1 Education 1 Greek 4 German 46 Comp. Literature 1
	Philosophy 8 History 1 English 7 French 1 (1) and (2) Astronomy 1	History 19 or 28 English 70 English 1 (1) and (2) Physics 1	History 19 or 28 English 70 English 1 (1) and (2) Physics 1
)	English 67 Music 14 English 16 Mathematics 10 Mathematics 3 (1) and (2)	History 11 Political Economy 12 English 52	History 11 Political Economy 12 English 52
	Greek 47 Greek 1 Latin 7 Social Science 10 Physical Geography 1	Political Economy 1 Greek 45 German 1 German 24 Biblical History 1	Greek 47 Greek 1 Latin 7 Social Science 10 Physical Geography 1
	Household Economics 4	Household Economics 4	
	German 4 Comp. Anatomy 15 Chemistry 1 Household Economics 1	Comp. Anatomy 15	
	Botany 1 English 4	Household Economics 1	
	Gymnasium (Sophomores)		
	Gymnasium (Freshmen)		

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WOMEN'S COLLEGE

IN

BROWN UNIVERSITY

ANNUAL

ANNOUNCEMENT

ACADEMIC YEAR 1903-1904

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PROVIDENCE, R. I.
REMINGTON PRINTING CO., 63 WASHINGTON STREET
1903

The Thirteenth Academic Year will begin on Wednesday, September 16th, with chapel service in Pembroke Hall, at 8.45 A. M.

ANNUAL ANNOUNCEMENT

In the Graduate Department of Brown University all courses are open to both men and women, at the same times and places and under the same conditions.

Instruction for undergraduate women is provided for by a department of the University known as the Women's College in Brown University. The aim of this College is to offer to all properly prepared women precisely the same examinations, the same courses of study, under the same teachers, the same degrees, the same opportunities in every respect that the University offers to men, but to preserve the distinct social life of a separate college.

The Corporation assumes supervision and control of the Women's College as of other departments of the University, and for this purpose appoints annually an Executive Committee of the Women's College.

The President of the University is charged with the general direction, supervision and government of this College as of other departments of the University. The immediate direction, supervision and control is devolved, subject to the direction of the President, on the Dean of the Women's College. The Advisory Council, appointed under the authority of the Corporation, advises with the President and with the Dean upon matters relating to the Women's College, and makes recommendations to the Executive Committee of the Women's College or to the Corporation.

The instruction in the Women's College is given by the professors and instructors in Brown University.

The Corporation receives gifts of money to found scholarships, fellowships, and professorships in Brown University for the behoof of its women students and for the general purposes of the Women's College, and holds and administers such funds as separate and distinct from the general funds of the University.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

With their Titles in Brown University.

WILLIAM HERBERT PERRY FAUNCE, D. D., President

ANNIE CROSBY EMERY, Ph. D., Dean of the Women's College

EMMA BRADFORD STANTON, A. M., Assistant Registrar

BENJAMIN FRANKLIN CLARKE, Sc. D.
Professor of Mechanical Engineering

JOHN HOWARD APPLETON, Sc. D.
Newport-Rogers Professor of Chemistry

WILLIAM CAREY POLAND, A. M.
Professor of the History of Art and Director of the Museum of Fine Arts

NATHANIEL FRENCH DAVIS, LL. D.
Professor of Pure Mathematics

WILLIAM WHITMAN BAILEY, LL. D.
Professor of Botany

WINSLOW UPTON, A. M.
Professor of Astronomy and Director of the Ladd Observatory.

ALBERT GRANGER HARKNESS, A. M.
Professor of Roman Literature and History

COURTNEY LANGDON, A. B.
Professor of the Romance Languages and Literatures

GEORGE GRAFTON WILSON, Ph. D.
Professor of Social and Political Science

JAMES IRVING MANATT, Ph. D., LL. D.
Professor of Greek Literature and History

WALTER COCHRANE BRONSON, A. M.
Professor of English Literature

STEPHEN A. COLVIN, PH. D.
Assistant Professor of Philosophy

ASA CLINTON CROWELL, PH. D.
Assistant Professor of the Germanic Languages and Literatures

CARL BARUS, PH. D.
Hazard Professor of Physics

FRANCIS GREENLEAF ALLINSON, PH. D.
David Benedict Professor of Classical Philology

HENRY PARKER MANNING, PH. D.
Assistant Professor of Pure Mathematics

JAMES QUAYLE DEALEY, PH. D.
Associate Professor of Social and Political Science

WALTER BALLOU JACOBS, A. M.
Associate Professor of Pedagogy

ALBERT DAVIS MEAD, PH. D.
Professor of Comparative Anatomy

JOSEPH NICKERSON ASHTON, A. M.
Associate Professor of Musical History and Theory

ALBERT KNIGHT POTTER, A. M.
Associate Professor of the English Language

ALBERT BUSHNELL JOHNSON, A. M.
Associate Professor of the Romance Languages

FREDERICK POOLE GORHAM, A. M.
Associate Professor of Biology

RALPH WINFRED TOWER, A. M.
Associate Professor of Chemical Physiology

FREDERICK SLOCUM, PH. D.
Assistant Professor of Astronomy

WILLIAM MACDONALD, PH. D.
Professor of History

JOHN EMERY BUCHER, PH. D.
Associate Professor of Chemistry

HENRY THATCHER FOWLER, PH. D.
Professor of Biblical Literature and History

LINDSAY TODD DAMON, A. B.
Associate Professor of English

GEORGE WYLLYS BENEDICT, PH. D.
Assistant Professor of English

THOMAS CROSBY, JR., A. M.
Assistant Professor of English and Public Speaking

JOHANNES BENONI EDUARD JONAS, PH. D.
Assistant Professor of the Germanic Languages and Literatures

HENRY BARRETT HUNTINGTON, A. B.
Assistant Professor of English

CLARENCE ELNATHAN NORRIS, A. M.
Instructor in German

ALLEN H. WILLETT, PH. D.
Instructor in Political Economy

GEORGE WARRINGTON LATHAM, A. B.
Instructor in English

JAMES FRANKLIN COLLINS, PH. B.
Instructor in Botany and Curator of the Herbarium

FRANK WILSON CHENEY HERSEY, A. M.
Instructor in English

HENRY JEWETT HALL, A. M.
Instructor in Psychology

ERNEST TROWBRIDGE PAINE, A. B.
Instructor in Latin

JANET M. AUTY (Graduate of the Sargent Normal School)
Instructor in Physical Culture

JEANNIE O. ARNOLD, M. D.
Medical Examiner

ADVISORY COUNCIL

MISS SARAH E. DOYLE, MISS AMELIA S. KNIGHT,

MRS. ELIZA G. RADEKE, MRS. A. I. C. D. AMES,

MRS. ANNIE HOWE BARUS

ADMISSION TO THE UNIVERSITY

REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

The courses of study in college leading to the degrees of Bachelor of Arts and Bachelor of Philosophy demand proficiency in certain preparatory studies prescribed for each course. The full list of studies, with a detailed statement of the requirement in each, is given on pages

The changes in the requirements for admission, of which notice has been given in previous issues of the University Catalogue, have either gone into effect already or will be in effect at the beginning of the next academic year. The requirements specified below are those which will be in force, beginning in June 1903.

REQUIREMENTS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

The subjects are arranged in three groups, the figures in parenthesis in Groups II and III indicating the value in points assigned to each subject. For the amount required, reference is made to the paragraphs on pages 13-20 giving details of the requirements.

In Group I all subjects must be presented.

In Group II subjects aggregating 6 points, including at least 3 points in ancient language and at least 1 point in modern language, must be presented.

In Group III one subject may be presented, but students who present no subject in Group III must present subjects aggregating 7 points in Group II.

GROUP I.

English ..... See I, page 13
Algebra ..... " II, " 14
Geometry ..... " III, " 14
Ancient History ..... " XIV, 1, " 18

GROUP II.

Ancient Language

Latin (elementary and advanced) (3) See VI, VII, page 15
Greek (elementary) (2) ..... " VIII, " 15
Greek (advanced) (1) ..... " IX, " 16

Modern Language

French (elementary)	(1)	See	X,	page	16
French (advanced)	(1)	"	XI,	"	16
German (elementary)	(1)	"	XII,	"	17
German (advanced)	(1)	"	XIII,	"	17

GROUP III.

Solid Geometry and Plane Trigonometry	(1)	See	IV, V,	page	15
English and American History	(1)	"	XIV, 2,	"	18
Physics	(1)	"	XV,	"	18
Chemistry	(1)	"	XVI,	"	19

REQUIREMENTS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

The subjects are arranged in three groups, the figures in parenthesis in Groups II and III indicating the value in points assigned to each subject. For the amount required, reference is made to the paragraphs on pages 13-20 giving details of the requirements.

In Group I all subjects must be presented.

In Group II two or more languages are required, aggregating from 3 to 7 points.

In Group III free selection is allowed to complete the 7 points.

GROUP I.

English	See	I,	page	13
Algebra	"	II,	"	14
Geometry	"	III,	"	14
Ancient History	"	XIV, 1,	"	18
or				
English and American History	"	XIV, 2,	"	18

GROUP II.

Latin (elementary)	(2)	See	VI,	page	15
Latin (advanced)	(1)	"	VII,	"	15
Greek (elementary)	(2)	"	VIII,	"	15
Greek (advanced)	(1)	"	IX,	"	16
French (elementary)	(1)	"	X,	"	16
French (advanced)	(1)	"	XI,	"	16
German (elementary)	(1)	"	XII,	"	17
German (advanced)	(1)	"	XIII,	"	17

GROUP III.

Solid Geometry and Plane Trigonometry (I)	See IV, V, page			15
History (the History not presented as a required subject) (1)				
	See XIV, 1 or 2, page			18
Physics	(1)	" XV,	"	18
Chemistry	(1)	" XVI,	"	19
Astronomy	(1)	" XVII,	"	19
Physiography	(1)	" XVIII,	"	19

METHODS OF ADMISSION TO THE FRESHMAN CLASS

1. BY EXAMINATION

Examinations for admission to the FRESHMAN CLASS will take place in Wilson Hall on Friday, Saturday, Monday and Tuesday, September 11, 12, 14 and 15, 1903, beginning at 8 o'clock A. M. on Friday. Candidates must present themselves promptly at the appointed times.

The order of the examinations will be:

FRIDAY, SEPTEMBER 11

Algebra, Wilson Hall, 27, 8 A. M. to 10 A. M.
Geometry, Wilson Hall 27, 10 A. M. to 12 M.
Elementary French, Wilson Hall 2, 1 P. M. to 3 P. M.
Advanced French, Wilson Hall 2, 4 P. M. to 6 P. M.

SATURDAY, SEPTEMBER 12

Elementary Greek, Wilson Hall 2, 8 A. M. to 10 A. M.
Astronomy, Wilson Hall 25, 8 A. M. to 10 A. M.
Advanced Greek, Wilson Hall 2, 10 A. M. to 11.30 A. M.
Physiography, Wilson Hall 25, 10 A. M. to 12 M.
Latin, Wilson Hall 25, 12.30 P. M. to 4 P. M.
Freehand Drawing, Wilson Hall 2, 2 P. M. to 4 P. M.
English and American History, Wilson Hall 27, 4 P. M. to 6 P. M.

MONDAY, SEPTEMBER 14

English, Wilson Hall 26, 8 A. M. to 10 A. M.
Chemistry, Wilson Hall 2, 11 A. M. to 1 P. M.
Solid Geometry, Wilson Hall 27, 2 P. M. to 4 P. M.
Plane Trigonometry, Wilson Hall 27, 4 P. M. to 6 P. M.

TUESDAY, SEPTEMBER 15

Elementary German, Wilson Hall 2, 8 A. M. to 10 A. M.
Advanced German, Wilson Hall 2, 10 A. M. to 12 M.
Ancient History, Wilson Hall 25, 1 P. M. to 3 P. M.
Physics, Wilson Hall 1, 4 P. M. to 6 P. M.

Examinations in the above subjects will also take place on Thursday, Friday, Saturday and Monday, June 16, 17, 18, and 20, 1904.

The order of the examinations will be.

THURSDAY, JUNE 16.

Algebra, Wilson Hall 27, 8 A. M. to 10 A. M.
Plane Geometry, Wilson Hall 27, 10 A. M. to 12 M.
Elementary French, Wilson Hall 2, 1 P. M. to 3 P. M.
Advanced French, Wilson Hall, 2, 4 P. M. to 6 P. M.

FRIDAY, JUNE 17.

Elementary Greek, Wilson Hall 2, 8 A. M. to 10 A. M.
Astronomy, Wilson Hall 25, 8 A. M. to 10 A. M.
Advanced Greek, Wilson Hall 2, 10 A. M. to 11.30 A. M.
Physiography, Wilson Hall 25, 10 A. M. to 12 M.
Latin, Wilson Hall 25, 12.30 P. M. to 4 P. M.
Freehand Drawing, Wilson Hall 2, 2 P. M. to 4 P.M.
English and American History, Wilson Hall 27, 4 P. M. to 6 P. M.

SATURDAY, JUNE 18

English, Wilson Hall 26, 8 A. M. to 10 A. M.
Chemistry, Wilson Hall 2, 11 A. M. to 1 P. M.
Solid Geometry, Wilson Hall 27, 2 P. M. to 4 P. M.
Plane Trigonometry, Wilson Hall 27, 4 P. M. to 6 P. M.

MONDAY, JUNE 20

Elementary German, Wilson Hall 2, 8 A. M. to 10 A. M.
Advanced German, Wilson Hall 2, 10 A. M. to 12 M.
Ancient History, Wilson Hall, 25, 1 P. M. to 3 P. M.
Physics, Wilson Hall 1, 4 P. M. to 6 P. M.

If desired, examinations will be appointed in cities remote from Providence. Correspondence on this subject should be addressed to the Registrar of the University, and sent at least four weeks before the time of the examinations.

2. BY CERTIFICATE

In place of examinations, students are admitted by the certificates of the principals of those schools to which this privilege has been given. The requirement of examination in Advanced French, Advanced German, English and American History, Solid Geometry and Plane Trigonometry, Physics, Chemistry, Physiography and Astronomy, previously in force, is now removed, and certificates are accepted in these subjects as well as in all others required for admission to the Freshman Class. But if any candidate offers subjects in the above list, in excess of the amount required

for admission to the Freshman Class, in order to secure advanced standing in the University, examination will be required in the subjects thus offered.

In order to obtain the privilege of certification the principal of the school should make application to the Dean of the University, and should furnish satisfactory evidence that the course of study in the school meets the requirements for admission.

Blank for certification may be obtained from the Registrar.

When a student has attended more than one school, a letter of recommendation from the principal of the institution last attended should accompany the certificate.

Application for the privilege of certification should be made, if possible, before May 1st, and certificates should be sent to the Registrar by July 1st.

THE NEW ENGLAND COLLEGE ENTRANCE CERTIFICATE BOARD

Brown University has united with certain other colleges in New England in the establishment of the New England College Entrance Certificate Board, which will control the list of approved schools from which admission by certificate will be allowed, beginning January 1, 1904. The list of schools from which admission to this University is now allowed will be in use only for the beginning of the next academic year, 1903–04. After January 1st, 1904, certificates will be accepted from all schools upon the list of the Board and from no others in New England. Schools situated outside of New England may be placed upon the certificate list of Brown University by application of their principals to the Dean in the same manner as heretofore.

Principals of schools in New England who desire the certificate privilege with reference to any of the colleges represented on the New England College Entrance Certificate Board should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown St., Providence, R. I.

MATRICULATION

At the beginning of the second term Freshmen who have no entrance conditions and who have satisfactorily completed the work of the first term are matriculated. Until matriculated, all candidates for degrees, however admitted, are regarded as on probation.

REQUIREMENTS FOR ADMISSION TO ADVANCED STANDING

Candidates for admission to advanced standing coming from institutions of collegiate rank will receive due credit for their previous work upon presentation of an official certificate of standing.

Other candidates for admission to advanced standing must satisfy the entrance requirements for admission to Brown University in the course which they propose to enter. They may present by examination any course or courses found in the curriculum of the degree for which they apply, provided they arrange for the same with the Committee on Admission to Advanced Standing at the time of entrance.

Every candidate must present a letter of honorable dismissal from the institution last attended.

Formal application for admission should be made to the Dean of the University, and should be sent, if possible, before August 1st.

The examinations for 1903 will be held on Monday and Tuesday, September 14th and 15th. Candidates must report at the Registrar's Office at 9 A. M. on Monday, September 14th.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

The various courses of study in the University, both graduate and undergraduate, are open to mature persons of good character who have had the training requisite to pursue them with profit. This privilege is intended for those who wish to take advantage of the instruction offered in special branches without pursuing the full course of study required of candidates for a degree.

All students who can do so are advised to matriculate for a degree, and no one will be allowed to use the privilege here offered for the purpose of securing a merely nominal connection with the University.

Special students are subject to the same regulations regarding attendance and examinations as candidates for degrees, and must take fifteen hours of class-room work a week unless satisfactory reasons for a smaller assignment can be presented.

Applicants for special courses must present to the Dean of the Women's College on or before August 1st a certified and detailed statement of the character and extent of their preparatory work, including testimonials of character and ability from the last school or college attended. In case a student has attended several preparatory schools, she must present credentials from all.

Students who withdraw from a preparatory school before completing its course of study will not be admitted as special students unless the principal of the school cordially recommends such action.

Applicants must satisfy the officers of instruction, by examination or otherwise, that they are qualified to pursue the courses desired.

On leaving the University, a special student who desires a formal certificate of her attainments may receive it.

ENTRANCE REQUIREMENTS IN THE SEVERAL SUBJECTS

I.

ENGLISH

The preparation in English should include (a) careful and prolonged training in grammar and composition, (b) thoughtful reading of all the prescribed books, and careful study of those named in division 3 below. It is recommended that the student also do as much supplementary reading as possible and commit to memory a considerable amount of poetry. The examination is intended to test the candidate's power of clear and accurate expression and her knowledge and appreciation of the books read. A candidate will not be accepted if her writing is seriously defective in spelling, use of capitals, punctuation, grammar, use of words, or structure of sentences and paragraphs, or if it shows insufficient acquaintance with the subject-matter of the prescribed books. As additional evidence of preparation the candidate may present an exercise book, properly certified by her instructor, containing compositions or other written work. The examination consists of three parts, which, however, cannot be taken separately:

1. In the first part the candidate will be required to answer elementary questions in grammar and usage and to correct some examples of bad grammar and faulty choice of words.

2. In the second part the candidate should show a good general knowledge of the subject-matter of the books named; she should be able to state the leading thoughts of an essay, and to tell the main incidents, sketch the principal characters, and describe the striking scenes of a poem or novel. She should also be able to answer simple questions on the lives of the authors.

In 1903, 1904 and 1905 the books for this portion of the examination will be: Shakspere's *Merchant of Venice* and *Julius Cæsar; The Sir Roger de Coverley Papers* in *The Spectator;* Goldsmith's *Vicar of Wakefield;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe;* Carlyle's *Essay on Burns;* Tennyson's *Princess;* Lowell's *Vision of Sir Launfal*; George Eliot's *Silas Marner.*

In 1906, 1907 and 1908 they will be: Shakspere's *Macbeth* and *The Merchant of Venice; The Sir Roger de Coverley Papers* in *The Spectator;* Irving's *Life of Goldsmith;* Coleridge's *Ancient Mariner;* Scott's *Ivanhoe* and *The Lady of the Lake;* Tennyson's *Gareth and Lynette, Lancelot and Elaine* and *The Passing of Arthur;* Lowell's *Vision of Sir Launfal;* George Eliot's *Silas Marner.*

3. The third part requires careful and detailed study of the works named below. The examination covers subject-matter, logical structure, and literary form. Questions are asked about the style, the verse, the structure of the plots, the development of the characters, the meaning of words and allusions, and (in the case of essays and speeches) the logical structure of the whole.

In 1903, 1904 and 1905 the books for this portion of the examination will be: Shakspere's *Macbeth;* Milton's *L'Allegro, Il Penseroso, Comus* and *Lycidas;* Burke's *Speech on Conciliation with America;* Macaulay's *Essays on Milton and Addison.*

In 1906, 1907 and 1908 they will be: Shakspere's *Julius Cæsar;* Milton's *L'Allegro, Il Penseroso, Comus* and *Lycidas;* Burke's *Speech on Conciliation with America;* Macaulay's *Essay on Milton,* and *Life of Johnson.*

II.

ALGEBRA

Through equations of the second degree.

Although candidates are not examined in Arithmetic, a knowledge of its fundamental principles and a careful training in accurate computations with whole numbers and with vulgar and decimal fractions are regarded as essential parts of a preparatory course. Candidates are especially urged not to neglect this subject.

The requirement in Algebra includes the following subjects: factors, common divisors and multiples; fractions, ratios and proportions; negative quantities and the interpretation of negative results; the doctrine of exponents; radicals and equations involving radicals; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; putting questions into equations and the reduction of equations; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations; arithmetical and geometrical progression.

NOTE: It is very important that the student should acquire a thorough knowledge not only of the practice, but also of the reasons involved in the elementary algebraic rules. She should likewise be able to use readily the more important formulæ, as, for example, the quadratic formula.

III.

PLANE GEOMETRY

The propositions which are contained in the ordinary treatises, and which are recognized as constituting the elements of Geometry; original propositions and problems in mensuration.

NOTE: Teachers of Geometry should lay stress on accuracy of statement and elegance of form as well as on clear and strict reasoning. They should avoid mere memory work, and should take special care in the proof of a proposition that no lines be drawn unless their construction is proved to be possible.

The school curriculum ought to be so arranged that not a single term, much less a year, shall pass without some time being given to a mathematical subject. For a four-year course an average of two and one-half hours per week during that time will give the best results.

IV.

SOLID GEOMETRY

The equivalent of Solid and Spherical Geometry as presented in Wells' *Geometry*, omitting the portion dealing with Regular Polyhedrons.

V.

PLANE TRIGONOMETRY

General formulæ and solution of plane triangles as presented in the first seventy-six pages of Well's *New Plane and Spherical Trigonometry.*

VI.

ELEMENTARY LATIN

1. Cæsar. *Gallic War*, books I-IV, or books I-III and Sallust's *Catiline*, with questions on the forms, constructions and subject-matter.
2. Cicero. The *Oration against Catiline* and the *Oration for Archias*, with questions on the grammar and subject-matter.
3. Ovid. Twenty-five hundred lines, with questions on the subject-matter and prosody.
4. Translation at sight of ordinary passages from Cæsar and Cicero, with questions on the ordinary forms and constructions.
5. Translation into Latin of simple English sentences.

VII.

ADVANCED LATIN

1. Includes 1, 2, 3 mentioned under Elementary Latin.
2. Vergil. *Æneid*, books I-VI, or books I-V and the *Eclogues*, with questions on the construction, subject-matter and prosody.
3. Translation at sight of prose and verse, with questions on the construction, subject-matter and prosody.
4. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose.

VIII.

ELEMENTARY GREEK

1. Xenophon's *Anabasis*, books I, II, III, IV, regard being had not only to language but to subject-matter as well. 2. Grammar: A familiar knowledge of inflection, word formation, and ordinary syntax. 3. Composition: The first twenty-five exercises of Jones's *Composition* or Allinson's *Composition* as far as Part III, or Collar and Daniell's entire, or other equivalent preparation in writing connected Greek prose.

IX.

ADVANCED GREEK

Three books of Homer, or *Anabasis*, books v, vi, vii, or *Anabasis*, book v and *Hellenica*, books i and ii. Students will also be expected to show proficiency in the grammar and composition noted in the elementary requirement.

X.

ELEMENTARY FRENCH

1. Proficiency in elementary French grammar, implying, especially, familiarity with the following topics: inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive constructions; the inflection of the regular verbs and of the more usual irregular verbs, such as *dire, faire,* and the classes represented by *ouvrir, sentir, venir, paraître, conduire* and *craindre.*

The mention of these topics is not to be understood as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Whitney's *Brief French Grammar* will be regarded as sufficient.

2. Ability to translate simple prose at sight.

Note: It is believed that the required facility can be gained by reading, concurrently with the grammar work, from two hundred to four hundred duodecimo pages, of at least three dissimilar works. Care should be taken not to read works assigned in the College courses.

3. Ability to pronounce French and to recognize French words and simple phrases when spoken.

Note: It is recommended that from the beginning careful attention be given to the fluent and intelligent pronounciation of the French texts used in the class-room.

XI.

ADVANCED FRENCH

1. The translation at sight of standard French into good, idiomatic English.

2. The translation into French of a connected passage of English prose, to test the candidate's familiarity with grammar. Proficiency in grammar may also be tested by direct questions.

3. The writing of French from dictation.

Candidates will be expected to show a thorough knowledge of accidence, and familiarity with the essentials of French syntax, especially the uses of tenses, modes, prepositions and conjunctions.

The work to be done should comprise the reading of from four hundred to six hundred pages of ordinary French, including the amount read for

elementary requirement, constant practice in giving French paraphrases, abstracts or reproduction from memory of selected portions read; the study of a grammar of moderate completeness; writing from dictation.

XII.

ELEMENTARY GERMAN

1. Proficiency in elementary German grammar, implying, especially, familiarity with the following topics: declension of such nouns as are readily classified and of adjectives and pronouns; conjugation of weak verbs and of the more usual strong verbs; the commoner prepositions; the simpler uses of the modal auxiliaries; the simpler rules of syntax and of word order.

The mention of these topics is not to be understood as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Whitney's *Brief German Grammar* will be regarded as sufficient.

2. Ability to translate a passage of simple prose at sight, when a vocabulary of the less usual words is furnished.

NOTE: It is believed that the required facility can be gained by reading, concurrently with the grammar work, two hundred duodecimo pages of easy German, chiefly narrative prose, with a few lyric poems. Care should be taken not to read works assigned in the College courses.

3. Ability to pronounce German and to recognize German words and simple phrases when spoken.

NOTE: It is recommended that from the beginning careful attention be given to the fluent and intelligent pronounciation of the German texts used in the class-room.

XIII.

ADVANCED GERMAN

In addition to the elementary requirements:

1. Ability to translate at sight ordinary German into good, idiomatic English, the passages for translation being suited to the proficiency of those who have read not less than five hundred pages of classical and contemporary prose and verse selected from such works as Lessing's *Minna von Barnhelm;* Schiller's *Wilhelm Tell, Maria Stuart, Jungfrau von Orleans* and *Gedichte,* Goethe's *Hermann und Dorothea* and *Gedichte;* Heine's *Reisebilder* and *Gedichte;* Freytag's *Die Journalisten* and *Bilder aus der Vergangenheit;* Scheffel's *Der Trompeter von Säkkingen;* Uhland's *Gedichte;* Hoffmann's *Historische Erzählungen;* Meyer's *Gustav Adolf's Page;* Riehl's *Novellen.*

It is recommended that at least one-half of the reading be selected from the works of Lessing, Schiller and Goethe.

2. Ability to discuss the main facts in the life of each author studied and to discuss the characters in the dramas selected.

3. Ability to read every text intelligently in the original. Such proficiency can be acquired only by constant oral practice, in the classroom.

4. A knowledge of the elements of word-formation and of the principal uses of prepositions, conjunctions, modal auxiliaries, the subjunctive mode and the infinitive.

NOTE: Preparation for the advanced examination by candidates already prepared for the elementary examination should occupy at least five recitation periods a week in the last year of the preparatory course, or equivalent work otherwise distributed.

XIV.
HISTORY

Either of the two following groups, each including two fields of historical study:

1. Greek and Roman history. (a) Greek history to the death of Alexander, with due reference to Greek life, literature and art. (b) Roman history to the end of the reign of Marcus Aurelius, with due reference to literature and government.

2. English and American history. (a) English History, with due reference to social and political development. (b) American History, with the elements of civil government.

For preparation in each of the two historical fields included in (1) and (2), a course of study equivalent to at least three lessons a week for one year will be necessary, or five lessons a week for one year for the two fields together.

The candidates will be expected to show such general knowledge of each field as may be acquired from the study of an accurate modern text-book of not less than three hundred pages, supplemented by not less than three hundred pages of suitable parallel readings.

The following text-books will indicate the kind and extent of preparation, other than that obtained through the parallel readings, which the candidate should possess:

Greek history. Botsford's *History of Greece* or Oman's *History of Greece.*

Roman history. Botsford's *History of Rome* or Pelham's *History of Rome.*

English history. Either Coman and Kendall's *History of England* or Larned's *History of England.*

American history. Either Montgomery's *Student's American History* or Johnston's *High School History of the United States.*

Suitable equivalents will be accepted for the foregoing text-books.

XV.
PHYSICS

The equivalent of Hall and Bergen's *Text-book of Physics,* together with an approved laboratory course of at least forty experiments.

XVI.

CHEMISTRY

Candidates will be expected to have a good knowledge of the non-metals and their principal combinations, the metals and their principal salts, the more important topics of chemical philosophy, chemical nomenclature and notation, and the ordinary methods of stoichiometry. Candidates should have personally performed about 100 simple chemical experiments (those in Appleton's *Young Chemist* are mentioned as illustrations, but equivalents will be accepted). Each candidate is expected to submit her manuscript notes, or reports of her work. It is supposed that a course accomplishing the preparation above outlined will require an amount of time equivalent to three hours a week for one school year.

XVII.

ASTRONOMY

Class instruction is assumed for the equivalent of three hours a week for a school year in the elementary principles of the science, including observations of the heavens with reference to the positions and movements of the heavenly bodies. The following are the chief topics to be studied:

The Celestial Sphere; designation of the directions of a heavenly body.

The Earth—its axial rotation; time, latitude, longitude; its orbital revolution; precession, aberration, the seasons, equation of time, the calendar.

The Moon—its axial rotation, orbital motion, librations, phases, surface features, physical condition; lunar and solar eclipses.

The Sun—its rotation, physical characteristics, light and heat.

The Planets—apparent and real motions, individual characteristics.

The Law of Gravitation—its control of the solar system; the tides Comets and Meteors.

The Stars; designation, classification by constellations, motions, distance, brightness, variables.

Stellar Systems; clusters, nebulæ; the stellar universe, cosmogony.

XVIII.

PHYSIOGRAPHY

Class instruction is assumed for the equivalent of three hours a week for a school year in the elementary principles of the science. It includes the following subjects:

The Earth as a member of the solar system.

The Atmosphere; its nature, temperature, pressure, moisture and precipitation, circulation, storms, weather, climate.

The Oceans; form and general characteristics, life within the oceans, waves, currents, tides.

The Lands; distribution, structure, processes of denudation and reconstruction and the resulting topographic features such as plains, plateaus, mountains, valleys, hills, volcanoes.

Life on the earth; influence of nature on man, influence of man on nature.

XIX.

FREEHAND DRAWING

Candidates will be required to show ability to execute neatly and accurately some simple style of lettering; to make freehand orthographic and perspective sketches of models ranging in difficulty from cubes and cylinders to the separate parts of complicated machines; and to shade drawings of models bounded by planes and by singly and doubly curved surfaces. Candidates should submit to the head of the department of drawing a complete set of drawings made under the supervision of a teacher of drawing and properly certified by him.

CURRICULUM FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

Candidates are required to take certain studies before the completion of the course, as shown in the following tabulation:

Ancient Language (either Latin or Greek or both). Six hours.

At least three hours must be taken in the Freshman year, and the whole six hours must be completed by the end of the Sophomore year.

Modern Language (either French or German or both). Six hours.

At least three hours must be taken in the Freshman year, and the whole six hours must be completed by the end of the Sophomore year.

If only one language is presented for admission the elementary course in the language not presented must be taken.

Languages in which elementary work only is presented for admission must be continued. If elementary work only is presented in one language that language must be continued in the Freshman year. If elementary work only is presented in both languages the continuation of one of these may be postponed to the Sophomore year.

Subject to the above restrictions a student may take the six hours required wholly in French, wholly in German, or three hours in each, choosing any courses for which he is fitted by his previous work.

Mathematics. Freshman year. Four hours.

Those who present Solid and Spherical Geometry and Plane Trigonometry must take Mathematics five hours per week during the Freshman year. This includes the courses now numbered Mathematics 4, 5, 6, 7, 9, 10, and 12. Students taking these courses will be enabled to begin work in sciences requiring Mathematics one year earlier than other students.

Rhetoric (elementary). Freshman year. Three hours.

Rhetoric (argumentation). Junior year. One hour.

European History. Three hours.

First and second terms in either the Sophomore or the Junior year.

English Literature. Three hours.

Sophomore, Junior or Senior year.

Physical or Natural Science, a continuous course throughout the year. Three hours.

Freshman, Sophomore or Junior year.

Political Science, Social Science, and Political Economy. Three hours.

Sophomore, Junior or Senior year.

Philosophy. Three hours.

Sophomore, Junior, or Senior year.

FRESHMAN YEAR

I. *Required Studies.*

Latin 1, 2, 3, or Greek A, B, C or 1, 2, 3. Three hours.

French A, B, C or 1, 2, 3, or German 1, 2, 3 or 24, 25, 26. } Three hours.

Mathematics 3, 1, 2. Four hours, or

Mathematics 4, 5, 6, 7, 9, 10, 12. Five hours.

English 1, 2, 3. Three hours.

II. *Elective Studies.* One must be chosen in addition to those taken as required studies.

Latin 1, 2, 3. For students presenting elementary and advanced Latin for admission.

Greek A, B, C. For students presenting no Greek for admission.

Greek 1, 2, 3. For students presenting elementary and advanced Greek for admission.

French A, B, C. For students presenting no French for admission.

French 1, 2, 3. For students presenting elementary French for admission.

French 4, 5, 6 or 7, 8, 9. For students presenting elementary and advanced French for admission.

German 1, 2, 3. For students presenting no German for admission.

German 24, 25, 26. For students presenting elementary German for admission.

German 34, 35, 36. For students presenting elementary and advanced German for admission.

Greek 46, Latin 46, 47 (History of Greek and Roman Life and Institutions). For all students.

Chemistry 1, 2, 3. For all students.

Chemistry 4, 5, 6. For students presenting Chemistry for admission (subject to consent of department).

Botany 1, 2, 3. For all students.

Comparative Anatomy 15, 1, 35. For all students.

SOPHOMORE YEAR.

I. Required studies which must be completed by the end of the Sophomore year.

That portion of the required work in ancient and modern languages not completed in the Freshman year.

II. *Other required and elective studies sufficient with studies taken under I. to make fifteen hours a week.

JUNIOR YEAR

I. Required studies which must be completed by the end of the Junior year.

English (argumentation). One hour.

The required History and Physical or Natural Science, if not previously taken.

II. Other required and elective studies sufficient with studies taken under I. to make sixteen hours per week.

SENIOR YEAR

I. All required studies not previously taken.

II. Elective studies sufficient with studies taken under I. to make fifteen hours per week.

CURRICULUM FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

Candidates are required to take certain studies, before the completion of the course, as shown in the following tabulation:

Modern Language. An amount sufficient with the work presented for admission to complete the elementary course and a year of advanced work in both French and German. A student who is admitted in both advanced French and advanced German is required to continue only one of these languages for one year, three hours a week, in college.

**Mathematics.* Freshman year. Four or five hours.

English (elementary). Freshman year. Three hours.

English (advanced). Junior year. One hour.

European History. Three hours.

First and Second Terms in either the Sophomore or the Junior year.

Physical or Natural Science, a continuous course throughout the year. Three hours.

Freshman, Sophomore or Junior year.

Philosophy. Three hours.

Sophomore, Junior or Senior year.

FRESHMAN YEAR.

I. *Required Studies.*

English 1, 2, 3. Three hours.

French A, B, C or 1, 2, 3, or
German 1, 2, 3 or 24, 25, 26. } Three hours

Mathematics 3, 1, 2. Four hours, or

Mathematics 4, 5, 6, 7, 9, 10, 12. Five hours.

II. *Elective Studies.* Two must be chosen in addition to those taken as required studies.

Latin 1, 2, 3. For students presenting elementary and advanced Latin for admission.

Greek A, B, C. For students presenting no Greek for admission.

Greek 1, 2, 3. For students presenting elementary and advanced Greek for admission.

French A, B, C. For students presenting no French for admission.

French 1, 2, 3. For students presenting elementary French for admission.

French 7, 8, 9. For students presenting elementary and advanced French for admission.

German 1, 2, 3. For students presenting no German for admission.

German 24, 25, 26. For students presenting elementary German for admission.

German 34, 35, 36. For students presenting elementary and advanced German for admission.

Greek 46, Latin 46, 47 (Greek and Roman Life and Institutions). For all students.

Chemistry 1, 2, 3. For all students.

Chemistry 4, 5, 6. For all students presenting Chemistry for admission (subject to consent of department).

Botany 1, 2, 3. For all students.

Comparative Anatomy 15, 1, 35. For all students.

Drawing 16, 17, 18. For all students.

*Five hours for students presenting Solid and Spherical Geometry and Plane Trigonometry for entrance.

SOPHOMORE YEAR

I. Required studies which must be completed by the end of the Sophomore year.

That portion of the required work in modern language not completed in the Freshman year.

II. Other required and elective studies sufficient with those taken under I. to make fifteen hours per week.

JUNIOR YEAR

I. Required studies which must be completed by the end of the Junior year.

English (argumentation). One hour.

The required History and Physical or Natural Science, if not previously taken.

II. Other required and elective studies sufficient with those taken under I. to make sixteen hours a week.

SENIOR YEAR

I. All required studies not previously taken.

II. Elective studies sufficient with those taken under I. to make fifteen hours a week.

REGULATIONS UNDER WHICH A STUDENT MAY BE PERMITTED TO TAKE A FIRST DEGREE IN LESS THAN FOUR YEARS.

1. A candidate for a first degree who has passed in the required number of hours of work and all of the required subjects may, at the end of the term in which her work is completed, be excused from further attendance at the University and may receive her degree at the Commencement next following such term.

2. A candidate for a first degree who has maintained a satisfactory standing in her studies may, subject to the consent of the Committee on Advanced Standing, take work in addition to the regular number of hours provided for in the curriculum of the course which she is pursuing.

3. A candidate for a first degree may receive credit for work done outside of Brown University as follows:—

(a) A candidate for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, provided first, that she present a letter of honorable dismissal from the institution which she last attended, second, that she present a detailed statement of her previous

work and her standing therein, signed by the proper official. The amount of credit to be given shall be determined by the Committee on Admission to Advanced Standing.

(b) A candidate for admission to advanced standing may receive credit for any subject included in the curriculum of the course which she proposes to enter, provided first, that she notify in writing the Committee on Admission to Advanced Standing at the time she applies for admission to the University of her intention to present such subject, and second, that she pass an examination in the subject before a date set by said Committee.

(c) A candidate for a first degree may receive credit for work done at the summer school of an approved institution of collegiate rank, provided that the work have the approval of the head of the department concerned at Brown University. The equivalent of the credit for the work given at the institution in question shall be allowed at Brown University, but the total credit for work at summer schools for any one summer shall in no case exceed fifteen (15) term hours.

(d) A candidate for a first degree may with the consent of the head of the department and with the approval of the faculty pursue studies connected with said department during a summer in which she does not attend a summer school, and may receive credit for such studies, provided first, that the work be under the supervision of the head of the department concerned, second, that she pass an examination in all the work before the end of the first term following. The amount of credit for work of this kind shall be determined by the head of the department but the total credit for any one summer shall not exceed nine (9) term hours. No student will be allowed to do summer work in connection with any department of the University until she has presented to the head of the department a registration slip properly filled and signed by the Registrar.

4. If a student at the beginning of her senior year lacks less than forty-five (45) term hours of completing her course she may, for reasons deemed sufficient by the Committee on Admission to Advanced Standing, distribute her work over the year.

5. If a student at the beginning of any term lacks less than fifteen (15) term hours of completing her course she may, for reasons deemed sufficient by the Committee on Admission to Advanced Standing, be excused from taking more than the necessary number of hours.

Note:—Paragraphs 4 and 5 are designed to assist students who desire to pursue graduate work during their Senior year (see rules of Committee on Graduate Students, published in the University Catalogue) or who for financial or other reasons wish to do work not connected with their College course.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS

The courses which are marked with an asterisk are given at the University, but students of the Women's College are admitted to them on the recommendation of the Dean. Women may also be admitted to other University courses not announced here, with the special permission of the department, and with the consent of the Dean.

PHILOSOPHY

NOTE: Some one complete course in this department is required of every candidate for a degree. By a complete course is understood all that is grouped together as a three-hour course under a single name in the accompanying announcements, whether it consists of one term's work or of several. The courses in Education cannot be taken to satisfy this requirement.

2, 3, 4. *Psychology.* General Synthetic Course. Three hours. Through the year. Elective for Juniors and Seniors.

Mr. HALL

8. *History of Greek Philosophy.* Three hours. First Term.

9. *History of Mediæval and Early Modern Philosophy.* Three hours. Second Term.

10. *History of Recent and Contemporary Philosophy.* Three hours. Third Term. Elective for Juniors and Seniors.

The successive philosophical systems in their dialectical developments and mutual relations; treatment not merely analytic and historical, but synthetic and constructive as well.

Dr. COLVIN

*5, 23. *Theoretical Ethics.* Three hours. First and Second Terms. Elective for Juniors and Seniors.

Intended to aid in mastering the fundamental problems of life and character. First Term, a discussion of the nature and relations of ethics and an outline of the history of the chief ethical systems; Second Term, a critical study of the fundamental concepts of ethics with the aim of constructing a tenable theory of conduct.

*24. *Philosophy of Religion.* Three hours. Third Term. Elective for Juniors and Seniors who have had previous philosophical training.

An investigation of the ultimate grounds of religious belief.

Dr. COLVIN

44. *Practical Ethics.* Three hours. Third Term. Elective for Seniors.

President FAUNCE

EDUCATION

1. *History of Educational Theories and Institutions.* Three hours. First Term.

Education among the Greeks and the Romans; the rise and constitution of Universities; Erasmus and the Humanists; Comenus and the Realists; Rousseau and the Naturalists; Psychologizing Education, Pestalozzi, Froebel, Herbart.

2. *A Critical Study of Modern Education.* Three hours. Second Term.

3. *The Fundamental Principles of Education.* Three hours. Third Term. Elective for Juniors and Seniors.

The meaning and aim of education; the sequence and coördination of studies; the principles of instruction as derived from psychology; apperception; the steps in method; the use of the type in instruction; the training of the will and principles of moral education.

Professor JACOBS.

4. *The Psychology of Education.* Three hours. First Term.

The principles of psychology applied to method in education and instruction.

5. *Practical Introduction to Teaching.* Three hours. Second Term.

Organization of school systems; management and discipline of classes; observation of good teaching; practical applications in method.

6. *The Hygiene of Education.* Three hours. Third Term. Elective for Seniors.

The hygiene of growth; play and fatigue; eyesight and hearing; school diseases; school architecture; warming, ventilating and lighting; sanitation; school furniture; school programmes.

Professor JACOBS.

NOTE: Courses 1, 2 and 3 treat of education in its relation to the individual, and to the social and political whole, and hence are of interest to all students, whether they intend to teach or not. At the same time they form a proper and necessary introduction to the courses which follow. It is recommended that those who intend to teach elect these courses during the Junior year.

NOTE: *Teachers' Certificates.* The above courses, 1-6, cover the requirements in education for certificates of the First Grade in all States except where practice teaching or experience is demanded. In Rhode Island *the holding of a certificate is required of all teachers* in schools supported in whole or in part by public money. Certificates of the First Grade are granted without examination to those who have completed the above courses and hold a college degree. Due credit is also given for separate courses.

NOTE: Those who have completed courses 1-6 and hold a college degree are eligible to appointment in the Primary and Grammar Training Schools of Providence, under especially favorable conditions, and also to places as Student Teachers in the Providence High Schools.

HISTORY

EUROPEAN HISTORY

1. *General Mediæval History of Europe.* Three hours. First Term. Required of Juniors who are candidates for the degree of Bachelor of Arts or Bachelor of Philosophy.

Professor MACDONALD

2. *General Modern History of Europe.* Three hours. Second Term. Required of Juniors who are candidates for the degree of Bachelor of Arts or Bachelor of Philosophy.

Professor MACDONALD

NOTE: Courses 1 and 2 give a general survey of the history of western Europe from the time of the barbarian invasions to the close of the Napoleonic wars. The work is based upon a narrative text-book, supplemented by lectures, frequent written tests, and written reports and abstracts on assigned reading and topics for special investigation. The elective courses in History are open to those only who have taken or are taking Courses 1 and 2 or their equivalent.

11. *The Period of the Renaissance.* Three hours. First Term. Elective for Juniors and Seniors.

Dr. JONES

3. *The Period of the Reformation.* Three hours. Second Term. Elective for Juniors and Seniors.

Dr. JONES

16. *The French Revolution.* Three hours. Third Term. Elective for Juniors and Seniors.

Dr. JONES

40. *European History since* 1815. Three hours. Third Term. Elective for Juniors and Seniors.

Professor MACDONALD

ENGLISH AND AMERICAN HISTORY

19, 20. 21. *English Constitutional and Political History to* 1689. Three hours. Through the year. Elective for Juniors and Seniors.

Professor MACDONALD

Courses 19, 20, 21 give special attention to the formation of the English constitution, the establishment and growth of the church, the relations with Scotland and Ireland, the Reformation, and the Puritan revolution.

28, 29, 30. *Constitutional and Political History of the United States since* 1787. Three hours. Through the year. Elective for Juniors and Seniors.

Professor MACDONALD

Courses 28, 29, 30 deal particularly with the organization of the national government and its administrative development, slavery, the extension of national territory, the bank controversy, the Civil War, and the reconstruction period.

Either 19, 20, 21 or 28, 29, 30 will be given in 1903-04.

*34, 35, 36. *Research Course in English History.* Three hours (One hour of class-room attendance.) Through the year. Elective for Graduates and qualified Seniors.

Professor MACDONALD and Dr. JONES

The subjects for 1903-04 are: *First term,* Parliamentary reform in the nineteenth century; *Second and Third terms,* The relations between England and France during the French Revolution.

*37, 38, 39. *Research Course in American History.* Three hours (one hour of class-room attendance). Through the year. Elective for Graduates and qualified Seniors.

Professor MACDONALD

The subjects for 1903-04 are: *First term,* English administrative control of the colonies to 1763; *Second term,* Selected topics in the internal history of the colonies between 1689 and 1763.

SOCIAL AND POLITICAL SCIENCE

12. *Political Science. Elementary Course.* Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

Professor DEALEY

12. *Social Science. Elementary Course.* Three hours. Second Term. Elective for Sophomores, Juniors and Seniors who have passed in Political Science 12.

Professor WILSON

12. *Political Economy. Elementary Course.* Three hours. Third Term. Elective for Sophomores, Juniors and Seniors who have passed in Political Science 12 and Social Science 12.

Dr. WILLETT

The above subjects constitute a single course, introductory to advanced work in Social and Political Science and Political Economy. Sophomores who intend to pursue such work in the future must elect this course in 1903-04.

10. *Social Institutions.* Three hours. First Term. Elective for Juniors and Seniors.

Development, forms, importance, as shown in the family, church, etc.

Professor DEALEY

2. *Social Problems and Conditions.* Three hours. Second Term. Elective for Juniors and Seniors.

Relates to charity, criminology, etc.

Professor DEALEY

4. *Social Philosophy.* Three hours. Third Term. Elective for Juniors and Seniors.

Aims and ideals in social life, social well-being.

Professor DEALEY

[5. *Development of Social Theory.* Three hours. First Term.

Traces important theories, ancient and modern, in regard to social conditions and development.

[4. *United States Government.* Three hours. Second Term.

Constitution, organization, powers and methods of our national system of government.

[15. *Local and Municipal Government.* Three hours. Third Term.] Elective for Juniors and Seniors.

Organization and functions of the states and cities of the United States.

Professor DEALEY

The courses in brackets will be omitted in 1903-04, and offered in 1904-05.

POLITICAL ECONOMY

NOTE: *The courses in this department are open only to those students who have passed in Social Science* 12 (*first term*), *Political Science* 12 (*second Term*), *and Political Economy* 12 (*third term*), *which together constitute a single course introductory to the departments of Social and Political Sciénce and Political Economy.*

1, 2, 3. *General Economics.* Three hours. Through the year. Elective for Juniors and Seniors who have passed in 12. This is a continuous course, new students not being admitted in the second and third terms.

The first term is devoted to a discussion of the development and results of the more important elements in the existing form of industrial organization. The following are among the topics treated:

The independence and responsibility of the individual, private property, freedom in the choice of industry, freedom of exchange and contract, competition, speculation, capitalistic control of industry, the tendancy to industrial combination, money and credit.

The second term is devoted to a discussion of the principles governing the distribution of wealth under the existing form of economic organization.

The third term is devoted to a brief discussion of some of the more important economic problems, such as the tariff; the regulation of the conditions of employment, particularly regulations affecting hours of labor, and the employment of women and children; trade unions; arbitration and conciliation; co-operation and profit sharing; socialism; the single tax; the railway problem; governmental ownership and management of monopolies; and the regulation of industrial combinations.

Dr. WILLETT

*6, 7. *Money and Banking.* Three hours. First and Second Terms. Continuous course. Elective for Juniors and Seniors who have passed in 12.

A discussion of the principles of money and banking and a description of the monetary and banking systems of the chief nations with special reference to the United States.

Professor GARDNER

*16. *Industrial Corporations, their history, significance and regulation.* Three hours. Second Term. Elective for Juniors and Seniors who have passed in 12.

Special attention given to railways and other quasi-public corporations and to the recent tendency to industrial combinations.

Professor GARDNER

*22, 23, 24. *Investigation of Special Subjects.* Three hours. First, Second and Third Terms. Elective for Juniors and Seniors who have passed in 12 and are approved by the department.

These courses do not constitute a single course and may be taken separately. They are intended to train the student in methods of gathering and handling data in the study of economic or social or political problems and conditions, and will be conducted in a manner similar to that followed in laboratory courses. Six hours of attendance will be required, and each student will be assigned a subject for investigation to be worked up under the direction and supervision of the instructor. The number of students who can be accommodated in these courses is limited and preference will be given to students who are taking other courses in economics.

Professor GARDNER and Dr. WILLETT

NOTE: Courses 13, 14, 18, 6, 7, 16 will probably not be given in 1904-05.

*19. *Industrial History of England.* Three hours. First Term. Elective for Juniors and Seniors who have passed in 12.

Chiefly the industrial history of England and the evolution of modern forms of industrial organization. Professor GARDNER

*20. *Industrial History of the United States.* Three hours. Second Term. Elective for Juniors and Seniors who have passed in 12.

Professor GARDNER

*21. *Existing Industrial Conditions in the United States.* Three hours. Third Term. Elective for Juniors and Seniors who have passed in 12.

Professor GARDNER

NOTE: 19, 20 and 21 form a continuous course, but may be taken separately.

*13, 14, 18. *History and Present Condition of Economic Thought.* Three hours. Through the year. Continuous course. Elective for Juniors and Seniors who have passed in 12.

A study of the development of economic thought since the Middle Ages, and of the prevailing economic theories of the present time. Chief attention is paid to the contribution made by the few great writers. Special emphasis is laid on the relations between economic thought and economic life and institutions.

Dr. WILLETT

HISTORY OF ART

1. *Ancient Art or Classical Archæology.* Three hours. First Term. Elective for Juniors and Seniors.

A general course in the history of ancient art, chiefly Greek. Text-book; lectures illustrated by casts, slides, photographs and engravings; collateral reading.

4. *Roman, Early Christian and Mediæval Art.* Three hours. Second Term. Elective for Juniors and Seniors.

Study of Roman, Romanesque and Gothic art, with some notice of Byzantine, Arabian and Oriental art.

6. *Art of Renaissance.* Three hours. Third Term. Elective for Juniors and Seniors.

The fifteenth and sixteenth centuries. The effect on art of the dominant motives of the epoch, the development of art in the different countries of Europe, the great masters and their most significant works. Text-book, lectures, lantern views.

NOTE: Courses 1, 4 and 6 may be taken independently, but students are advised to elect all three in the above order. Students are strongly advised to take 1, if possible, before any other course in the History of Art.

Courses 6 and 7, 9 form a consecutive outline.

Professor POLAND

14, 15, 16. *Practical Work in Art.* Three hours. Through the year. Elective for students who are taking, or who have passed in Art 1, 4, 6, and who have also passed in Drawing 2, 3, 4.

Six hours of drawing or other practical work, to illustrate the principles of delineation, color and chiaroscuro, and the principles of design in architecture, sculpture and painting, as exemplified in the historic forms of art.

This course will be given at the Rhode Island School of Design.

[7, 9. *Modern Art.* Three hours. First and Second Terms. Elective for Juniors, and Seniors who have passed in 6.

First Term, the seventeenth and eighteenth centuries; Second Term, the nineteenth century.

8. *Theory and Criticism of the Fine Arts.* Three hours. Third Term. Elective for students who have passed in any course in Art.]

A study of the more important facts and laws of artistic production.

Professor POLAND

In 1903-4 Courses 1, 4 and 6 will be offered, and Courses 7, 9 and 8 will not be offered. Those who wish to obtain the six courses (1, 4, 6, 7, 9, 8) must begin with electing Courses 1, 4 and 6 in the Junior year.

MUSIC

14. *Musical Introduction.* Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

A general course which considers such of the elements of music and the principles of musical composition as will enable the student to listen to music with intelligent interest and genuine profit.

15a, 15b. *Music and Musicians of the Eighteenth and Nineteenth Centuries.* Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

A general course, the aim of which is to acquaint the student with the life, works and style of Bach, Mozart, Beethoven, Schubert, Schumann, Mendelssohn, Wagner and other famous composers of these centuries.

Professor ASHTON

INDO-EUROPEAN PHILOLOGY

1. *History of Language.* Three hours. Third Term. Elective for Freshmen and Sophomores.

In 1903-04 this course will be part of a general course in Greek and Roman Literature and Language, being preceded by Greek 47, Latin 48.

Professor ALLINSON

GREEK LITERATURE AND HISTORY

A, B, C. *Elementary.* Four hours. Through the year.

For the benefit of those who have been prevented from obtaining Greek before entering college. The course aims to cover, with mature students, as much as possible of the entrance requirements in Greek. It is hoped that earnest and mature students will be able to make such progress during the academic year in reading Xenophon that they will be able, by private study during the following long vacation, to complete four books of the Anabasis before the beginning of the next academic year. They might then take up with the Freshman class the reading of the regular prose Greek, and, by additional study, complete before the following spring term the entrance requirements in Homer, and thus be enabled to continue with the Freshman class in Homer also.

1. *Lysias.* Three hours. First Term. Elective for students who presented elementary and advanced Greek for entrance, or who have taken Greek A, B, C.

Lysias, select orations and practice in sight reading.

Dean Emery

2. *Plato.* Three hours. Second Term. Elective for students who have taken Greek 1 or its equivalent.

Plato's *Apology* and *Crito*, with other selections for sight reading.

Professor Allinson

3. *Homer.* Three hours. Third Term. Elective for students who have taken Greek 1 and 2 or equivalents.

The *Odyssey*, four books, rapid reading of other books; lectures on the life of the Heroic Age as revealed in the poems and illustrated by recent archæological research.

Professor Manatt

[46. *Greek Life.* Three hours. First Term. Elective for Freshmen and Sophomores.] Not offered in 1903-04.

A study of the private and public life of the Greeks in the light of their literature and monuments. Syllabus, lectures and prescribed reading, with frequent reports, written tests and a thesis. No knowledge of Greek or Latin is required. The course is continued in the Second and Third Terms as Latin 46, 47. The three terms together constitute the course called History of Greek and Roman Life and Institutions.

Professor Manatt

46. *Greek Literature.* Three hours. First Term. Elective for Freshmen and Sophomores.

A brief history of the literature of the Greeks from Homer to Theocritus, together with study of the masterpieces in the best English translations. No knowledge of Greek or Latin is required.

Professor Manatt

This course is continued in the second and third terms as Latin 48, Indo-European Philology 1. The three terms together constitute one course, alternating with Greek 46, Latin 46, 47.

4. *Greek Lyric Poets.* First Term. Three hours. Elective for Sophomores.

The chief remains of Greek lyric poetry from Alkman to Timotheos (not including Pindar) will be read.

Professor Manatt

5. *Dramatic Poets.* Three hours. Third Term. Elective for Sophomores.

The *Antigone* of Sophocles and the *Prometheus* of Aeschylus will be read.

Dean EMERY

6. *Lucian.* Three hours. Second Term. Elective for Sophomores.

Selections from Lucian.

Professor ALLINSON

45. *The Drama.* Three hours. First Term. Elective for Juniors and Seniors.

The *Medea* of Euripides and the *Frogs* of Aristophanes; with rapid reading of one play of Æschylus for literary criticism.

Professor ALLINSON

43, 47. *Greek Composition, advanced.* One hour. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

Practice in prepared and in extemporaneous writing of Greek. For those who intend to teach or otherwise to specialize in the classics.

Professor ALLINSON

17. *Homer.* Three hours. Second Term. Elective for Seniors and Juniors.

Advanced course in the Iliad intended to serve as an introduction to prehistoric archæology and as a preparation for teaching Homer. It covers the ground of the Foster examination.

Professor MANATT

18. *Thucydides.* Three hours. Third Term. Elective for Juniors and Seniors.

Dean EMERY

ROMAN LITERATURE AND HISTORY

1. *Livy.* Three hours. First Term. Elective for students who presented elementary and advanced Latin for admission.

While grammatical study and literary criticism receive attention in this as in the other courses of the Freshman year, the special aim is to enable the student to acquire facility in reading and to instruct him in the use of the Latin texts as a means of acquiring a knowledge of Roman history.

Mr. PAINE

2. *Cicero's Letters.* Three hours. Second Term. Elective for students who presented elementary and advanced Latin for admission.

Mr. PAINE

3. *Tacitus' Germania and Agricola.* Three hours. Third Term. Elective for students who presented elementary and advanced Latin for admission.

Mr. Paine

[46, 47. *Roman Life.* Three hours. Second and Third Terms. Elective for Freshmen and Sophomores.] Not offered in 1903-04.

The private and public life of the Romans based on the monuments and literature. Intended to give a comprehensive view of the general civilization of Rome. Lectures supplemented by reading and reports. No knowledge of Greek or Latin is required.

This course is a continuation of Greek 46. The three terms together constitute the course called History of Greek and Roman Life and Institutions.

Professor Greene

48. *Roman Literature.* Three hours. Second Term. Elective for Freshmen and Sophomores.

A brief history of the literature of the Romans. No knowledge of Latin is required.

Professor Harkness

This course with Greek 47 and Indo-European Philology 1 forms a general course, alternating with Greek 46, Latin 46, 47.

4. *Horace.* Odes and Epodes. Three hours. First Term.

5. *Horace.* Satires and Epistles. Three hours. Second Term.

6. *Catullus, Tibullus and Propertius.* Three hours. Third Term. Elective for Sophomores.

Dean Emery

7. *Origin of Latin Poetry and Development of the Drama.* Three hours. First Term.

Readings from Plautus and Terence.

8. *Poetry of the Republic, continued, and Poetry of the Augustan Age.* Three hours. Second Term.

Readings from Lucretius and other authors of this period.

9. *Poetry of the Silver Age.* Three hours. Third Term. Elective for Juniors and Seniors.

Professor Harkness

ENGLISH LITERATURE AND LANGUAGE

NOTE: Credit for entrance English is a prerequisite to admission to any English course. This rule applies to special students as well as to candidates for a degree.

The second term of a course is not open to students who have not taken the first term of the course, nor the third term to those who have not taken both the first and the second term of the course.

Attention is called to the fact that two courses in literature (16, 17, 18; 52, 53, 54) are now open to Sophomores, Juniors and Seniors with no prerequisite except entrance English, and that the literary course in Shakspere (67, 68, 69) is similarly open to Juniors and Seniors. Sophomores, however, will not be allowed to elect more than one course in literature; thus, if a Sophomore elect 16, 17, 18, she cannot also take 52, 53, 54, and *vice versa.*

The new requirement, which goes into effect with the present Sophomore class, that candidates for the degree of A. B. must take one course in English literature, can be met by taking any one of the three courses designated above.

Students who intend to take only one course in English literature in college are advised to take 16, 17, 18; but those who intend to take more than one will do well to begin at once with some of the other courses. Those who purpose to become teachers of English are strongly urged to take the course in advanced composition, the course in early English, and at least two literary courses.

1, 2, 3. *Rhetoric and Composition.* Three hours. Through the year. Required of all Freshmen.

Professors BENEDICT and HUNTINGTON, Messrs. HERSEY and HASTINGS

4, 5, 6. *Argumentative Composition.* One hour. Through the year. Required of all Juniors.

The class will meet twice a week at first, but the total number of meetings will not exceed the usual number in a one-hour course.

Messrs. LATHAM and .....

NOTE: Credit for courses 2, 3 is a prerequisite to 4, 5, 6.

7, 8, 9. *English Composition, advanced.* Three hours. Through the year. Elective for a limited number of Undergraduates who have passed in 1, 2, 3.

Professor BENEDICT

16, 17, 18. *English Literature, introductory.* Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

Professor BRONSON

70, 71, 72. *Early English.* Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

First term: Old English. *Second term*: Early Middle English and Chaucer. *Third term*: Chaucer.

The aim of the course is to give a comprehensive knowledge of the nature and the development of our language in its earlier periods; grammatical details will be subordinated as far as possible to the study of the literature. Intended for general culture; and especially for those who propose to become teachers of English.

Professor POTTER

67, 68, 69. *Shakspere.* Three hours. Through the year. Elective for students who have passed in 16, 17, 18.

A literary course, intended for purposes of general culture. All the plays will be read, and the greater plays will be studied as to style, sources and structure of plot, character-portrayal, and *motif*. As an aid to the broader appreciation of Shakspere, some attention will be paid to the history of the English drama.

Professor CROSBY

52, 53, 54. *English Literature from* 1832, (*the death of Scott*) *to* 1892, (*the death of Tennyson*). Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

A survey course involving considerable reading in Dickens, Thackeray, George Eliot, Carlyle, Ruskin, Newman, Pater, Tennyson, Browning and others, with lectures and discussions.

Mr. LATHAM

GERMANIC LANGUAGES AND LITERATURE

GERMAN

1, 2, 3. *Introductory Course.* Three hours. Through the year. Required of all students not presenting German for admission.

Reading at the outset; grammar; dictation. Selections in prose and poetry from standard authors.

Mr. NORRIS

24, 25, 26. *Intermediate Course.* Three hours. Through the year. Required of all Freshmen presenting elementary German for admission.

Selected works of classical and modern authors. Study of syntax based upon the text.

Professor JONAS

NOTE: Students presenting advanced German for admission and desiring to continue the subject will be advised by the Dean and the head of the department.

4, 6, 8. *The Drama of the Classic Period.* Three hours. Through the year. Elective for students who have passed in 1, 2, 3.

Lessing, Schiller, Goethe. Two dramas of each author with discussion of the life of each. Frequent written translations. The course is an introduction to German Literature, and is recommended for the general student.

Professor CROWELL

*40, 41, 42. *German Composition.* One hour. Through the year. Elective only for Seniors pursuing the regular courses of the second or third year in German, and for those who have passed in 48.

Professor JONAS

46, 47, 48. *German Masterpieces I.* Three hours. Through the year. Elective for students who have passed in 8.

Goethe's *Faust*, Parts I. and II., with a glance at recent dramas of kindred interest.

Professor CROWELL

Not to be offered in 1904-05.

*49, 50, 51. *German Masterpieces II.* Three hours. Through the year. Elective for students who passed in 48.

Wolfram von Eschenbach's *Parzival*, Goethe's *Egmont*, Schiller's *Wallenstein*, Lessing's *Nathan der Weise.*

Professor CROWELL

*16, 17, 18. *German Literature.* Three hours. Through the year. Elective for students who have passed in 48.

The principal literary movements in Germany from the earliest times to the present. Lectures, reports on assigned topics, extended reading. Subject for 1903-04: Discussion of German Literature from the fourth to the eighteenth century.

Professor JONAS

*10, 11, 12. *Middle High German.* Three hours. Through the year. Elective for students who have passed in 48.

Outlines of grammar. Translation into English and modern German of selections from the Popular Epics, Court Epics and Lyrics of the Swabian Era.

Professor CROWELL

*28, 29, 30. *Germanic Mythology.* One hour. Through the year. Elective for students who have passed in 48 and for others well qualified.

Discussion of ancient and modern beliefs and superstitions in Northern Europe regarding the soul, the spirits, fates and heathen gods.

Professor CROWELL

ROMANCE LANGUAGES AND LITERATURES

FRENCH

A, B, C. *Elementary French.* Three hours. Through the year. Required of all students who did not present French for admission.

Grammar, composition, dictation, translation of selections from modern authors into idiomatic English. The equivalent of the French required for admission.

1, 2, 3. *Language.* Three hours. Through the year. Required of all Freshmen who presented elementary French for admission.

A thorough study of French syntax, translation of modern authors, written and oral re-translation into French of exercises based upon the texts read, dictation. Intended to give students a large working vocabulary.

Professor JOHNSON

7, 8, 9. *Practice in Writing and Speaking.* Three hours. Through the year. Elective for students who have passed with credit in 1, 2, 3 or who presented advanced French for admission.

Intended more especially for those preparing to teach. A large amount of set and free composition, abstracts (in French) of assigned reading, dictation, conversation, oral translation into French of an English novel, abstracts of French read in class by the instructor.

Professor JOHNSON

37, 38, 39. *The French Drama.* Three hours. Through the year. Elective for Juniors who have passed creditably in French 1, 2, 3.

From Corneille to Rostand, with special study of its classical and romantic sources and influences.

Professor LANGDON

COMPARATIVE LITERATURE

1, 2, 3. *Dante in English.* Three hours. Through the year. Elective for Seniors.

A study of the whole of the *Divina Commedia* in English in the light of modern thought, and in connection with the great world-poems, *Job*, the *Iliad-Odyssey*, the *Æneid*, *Hamlet*, *Paradise Lost*, *Faust*, and *The Ring and the Book*. An introduction to a study of comparative literature, by means of the best available translations. A survey of the greatest monuments of literature from the point of view of the most universal and central of all. Intended especially though not exclusively, for students who, not having time for the study of many literatures in the original, yet desire acquaintance with what is best in the poetic culture of the world.

Professor LANGDON

SPANISH

*1, 2, 3. *Modern Spanish.* Three hours. Through the year. Elective for Juniors, and for Sophomores not electing more than one other modern foreign language.

Grammar, conversation, composition, writing from dictation, and rapid reading.

Professor JOHNSON

*4, 5, 6. *Language and Literature.* Three hours. Through the year. Elective for those who have passed with credit in 1, 2, 3.

First Term, Valdés' *José*. Second Term, Galdos' *Dona Perfecta*. Third Term, Gil y Zárate's *Guzmán el Bueno*, Echegaray's *O Locura ó Santidad*, selections from *Don Quijote*. Daily exercises in composition and conversation. Reports (in Spanish) of outside reading.

Professor JOHNSON

BIBLICAL LITERATURE AND HISTORY

1, 2, 3. *Jewish and Early Christian History and Literature.* Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

First Term, life and thought of the Jewish people between the fall of Jerusalem in 586 and the re-dedication of the Temple in 165 B. C. Second Term, the Jewish and Roman life that constitutes the background of the New Testament; date, authorship and general character of the Jewish literature of the period between 165 B. C. and 200 A. D. Third Term, the Life and Teachings of Jesus and the history and literature of the first half century of the Christian church.

Professor FOWLER

NOTE: Each term may be elected separately.

[4, 5, 6. *Hebrew History and Literature.* Three hours. Through the year. Elective for Juniors and Seniors.] Not offered in 1903-04.

First Term, the beginning of Hebrew History. Second Term, the United Kingdom. Third Term, the Divided Kingdom.

Professor FOWLER

NOTE: Each term may be elected separately.

Courses 1-6 form a two-years' consecutive course, giving a comprehensive view of the entire field of Biblical history and literature. The sources, Biblical and monumental, for each epoch are studied; then the political, social and religious life and development. The date and authorship of books and the various other questions of literary history for each period are examined, and the teachings of the several documents are investigated and formulated.

*7, 8, 9. *English Bible Seminary.* Three hours. Through the year. Elective for Graduates and qualified Juniors and Seniors.

Subject for 1903-04. The literary history of ancient Israel. An investigation of the chief problems connected with the order and cause of development of the various forms of literature represented in the Old Testament.

Professor FOWLER

PURE MATHEMATICS

3. *Algebra.* Four hours. First term. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who do not present Solid Geometry and Plane Trigonometry for admission.

Professors MANNING and SLOCUM

1. *Geometry, Solid and Spherical.* Four hours. Second Term. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who do not present Solid Geometry and Plane Trigonometry for admission.

Professors CLARKE and SLOCUM

2. *Trigonometry.* Four hours. Third Term. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who do not present Solid Geometry and Plane Trigonometry for admission.

Professors MANNING and SLOCUM

9, 10. *Analytic Geometry.* Three hours. First and Second Terms. Elective for students who have passed in 3, 1 and 2. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who present Solid Geometry and Plane Trigonometry for admission.

Professor DAVIS

12. *Differential Calculus.* Three hours. Third Term. Elective for students who have passed in 10; required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who present Solid Geometry and Plane Trigonometry for admission.

Professor DAVIS

*13. *Integral Calculus.* Three hours. First Term. Elective for students who have passed in 12.

Professor DAVIS

*14. *Applications of the Differential Calculus.* Three hours. Second Term. Elective for students who have passed in 12 and 13.

Professor DAVIS

*31. *Applications of the Integral Calculus.* Three hours. Third Term. Elective for students who have passed in 13.

Professor DAVIS

*15, 16, 17. *Differential Equations.* Three hours. Through the year. Elective for students who have passed in 13.

Professor MANNING

*8. *Determinants and Theory of Equations.* Three hours. Third Term. Elective for students who have passed in 3 or 5, 6, 7.

Mr. CURRIER

30. *Solid Analytic Geometry.* Three hours. Third Term. Elective for students who have passed in 10.

Professor MANNING

ASTRONOMY

1, 2, 6. *General Astronomy.* Three hours. Through the year. Elective for Sophomores, Juniors and Seniors who have passed in Mathematics 1, 2, 3.

Fundamental conceptions of the science, methods of professional study, and present state of our knowledge of the heavenly bodies. Young's *Manual of Astronomy*, lectures and abstracts upon assigned topics.

Professor UPTON

PHYSICAL GEOGRAPHY

1w. *Meteorology.* Three hours. First term. Elective for Sophomores, Juniors and Seniors.

2w, 3w. *Physical Geography of the Sea and Land.* Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

Professor SLOCUM

PHYSICS

1, 2, 4. *Elementary Physics.* Three hours. Through the year. Elective for Sophomores, Juniors, Seniors and others who have passed in Mathematics 1, 2, 3.

First Term, kinematics and dynamics; Second Term, molecular physics; Third Term, electricity. Daniell's *Principles of Physics*, lectures illustrated by experiments and the lantern. Weekly written exercises corrected in detail by the instructors. Designed for those who have had little previous training in physics; presupposes only a good knowledge of elementary mathematics. The entire course is a unit, setting forth the principles of modern physics. It is sufficiently broad to be a commentary upon whatever preliminary training in physics the student may have had, and to serve as a theoretical introduction to the professional courses.

Professor BARUS

*5, 9, 10. *Physical Measurements.* Three hours. Through the year. Elective for students who have passed in 1, 2, 4.

Six hours in the laboratory. Elementary theory and practice of physical manipulation. Reports of experiments and solution of problems.

Professor PALMER

*13, 14, 16. *Mathematical Treatment of Dynamical Problems.* Three hours. Through the year. Elective for Seniors and Graduates who have passed in 10 and Mathematics 16.

Lectures. First Term, discussion of the general principles of dynamics and the development of the general equations of motion; Second and Third Terms, application of these principles to special problems in thermodynamics and hydrodynamics.

Professor PALMER

*17, 18, 19. *Laboratory Course, advanced.* Three or six hours. Through the year. Elective for students who have passed in 10.

Six or twelve hours of attendance. For those who are already familiar with the use of physical apparatus and are capable of carrying on investigations more or less independently. Special problems and reference to original sources for methods of solution.

Professors BARUS, PALMER and WATSON

*20, 21. *Harmonic Analysis.* Three hours. Second and Third Terms. Elective for Seniors who have passed in 1, 2, 4 and Mathematics 14, 15.

Importance of Fourier's method shown by examples taken from the analytical theory of heat, from elastics, alternating electricity, and elsewhere; treatment by the aid of spherical harmonics, Bessel functions and Lamé functions.

Professor BARUS

CHEMISTRY

1, 2, 3. *Descriptive Chemistry.* Three hours. Through the year. Elective for Undergraduates.

Non-metals; metals, their metallurgy, compounds and practical applications; theoretical chemistry. Lectures with experiments, written exercises, individual laboratory work.

Professor BUCHER

*4. *Qualitative Analysis.* Three hours. First Term. Elective for Juniors.

Six hours of attendance. A study of the properties of the metallic elements together with their separation from certain of their compounds. Laboratory work, accompanied by recitations in qualitative analysis and in chemical philosophy, and exercises in stoichiometry.

Professor APPLETON and Mr. DUBOIS

*5. *Qualitative Analysis, continued.* Three hours. Second Term. Elective for Juniors.

Six hours of attendance. A study of the principal non-metals and the acids formed by them as well as of the methods of separation and recognition of acids and acid radicles.

Professor APPLETON and Mr. DUBOIS

*6. *Quantitative Analysis.* Three hours. Third Term. Elective for Juniors.

Six hours of attendance. Study of quantitative precipitations and separations of the most important elements and compounds; a somewhat thorough review of the principles upon which quantitative apparatus is constructed, including the theory of the chemical balance, the merits of the different systems of weights and measures, the use of burettes, graduated flasks, etc.; studies in chemical philosophy and stoichiometry continued. Chiefly laboratory work.

Professor APPLETON and Mr. DUBOIS

ZOÖLOGY, GEOLOGY AND ANTHROPOLOGY

ZOÖLOGY

*1. *General Course on Invertebrate Animals.* Three hours. Second Term. Elective for Juniors and Seniors.

*3. *Organic Evolution.* Three hours. Third Term. Elective for Juniors and Seniors.

Primary and secondary factors of evolution; relation of animals to the world around them; variation of species; zoögeography; effects of light, changes of temperature, food, climate; effects of isolation; kinetogenesis or dynamical evolution; mimicry; heredity; views held by different schools of evolutionists. Lectures and demonstrations.

Professor PACKARD

GEOLOGY

*1. *Physical Geology.* Three hours. First Term. Elective for Seniors.

*5. *Structural and Stratigraphic Geology.* Three hours. First Term. Elective for Seniors.

Six hours of attendance. Field and laboratory work.

*2. *Historical Geology, including Paleontology.* Three hours. Second Term. Elective for Seniors, or those who have taken Geology 1, 5, and Zoölogy 1, 2.

Lectures, text-book and laboratory work.

Professor PACKARD

*9. *Paleontology.* Three hours. Third Term. Elective for those who have taken Geology 1, 2.

Professor PACKARD

ANTHROPOLOGY

*1. *General Course.* Three hours. Third Term. Elective for Seniors.

The principles of ethnology, ethnography and prehistoric archæology; man as related to other primates, origin of man, prehistoric races, language and race, writing, arts of life, amusements, primitive culture, including folk-lore, myths, primitive religious cults and primitive society. Lectures illustrated by bone, stone and bronze relics of the prehistoric races of Europe, Asia and Africa, by American stone and bone implements, by collections from New England shell heaps, and by lantern views illustrating the fossil races of man and his art-remains in the Old World.

Professor PACKARD

ANATOMY (COMPARATIVE)

15, 1, 35. *Introductory Course.* Three hours. First, Second and Third Terms. Elective for Undergraduates.

Six hours of attendance. For general students as well as for Sophomores in A. B. course and Freshmen in the Ph. B. course who expect to pursue other courses in the department. By means of laboratory work in gross and minute anatomy and physiology, it introduces the student to scientific methods, to the structure and functions of the animals, and to the general principles of biology.

Professor GORHAM

*3, 4, 34. *Comparative Anatomy of Vertebrates.* Three hours. First, Second and Third Terms. Elective for Sophomores, Juniors and Seniors who have passed in 35.

Six hours of attendance. Critical and comparative study of the vertebrate organs, with special reference to the structure of man. In addition to the regular lectures, occasional lectures by physicians and others who have given attention to certain special subjects. A limited number of students are permitted to attend the clinics at the Rhode Island Hospital.

Dr. WILLIAMS

*9, 10, 38 or 2. Three hours. First, Second and Third Terms. Elective for Juniors and Seniors who have passed in 35.

*9. *Bacteriology.* First Term.

Six hours of attendance. Preparation and microscopic study of bacteria, the preparation of culture media, isolation, systematic study and determination of unknown species, qualitative and quantitative biological examination of water, milk, air, and soil; methods of determining pathogenic properties of bacteria; methods of sterilization and disinfection; special work on pathogenic forms.

Professor GORHAM

*10. *Histology.* Second Term.

Six hours of attendance. Microscopic anatomy of tissues.

Dr. WILLIAMS

*38. *Advanced Histology.* Third Term.

Six hours of attendance. Students who have passed in 10 may elect this course or 2.

Dr. FULTON

*2. *Invertebrate Anatomy.* Third Term.

Six hours of attendance. Laboratory course on the comparative anatomy of the lower animals.

Dr. WILLIAMS

*18, 19, 20, 21. *Physiology.* Three hours. Third, First, Second and Third Terms. Elective for Juniors and Seniors who have passed in Chemistry 2.

Six hours of attendance. Third and First Terms, chemical physiology. The chemistry of the proteids, carbohydrates, and fats; the chemistry of salivary, gastric, pancreatic digestion; blood, bile and urine. Second and Third Terms, physical physiology. The nervous, muscular, circulatory, respiratory and alimentary systems.

Dr. SULLIVAN

[*16, 17, 30. *Anatomy of the Nervous System.* Three hours. Through the year. Elective for Juniors, and Seniors who have passed in 35.] Not offered in 1903-04.

Six hours of attendance. The gross anatomy and the microscopic structure of the nervous system in vertebrates, especially in man. Phylogeny, embryology and physiology of the nervous system and to special nerve-methods in micro-technic.

Professor MEAD

NOTE: This course alternates with 31, 32, 33.

31, 32, 33. *Comparative Embryology.* Three hours. Through the year. Elective for Juniors and Seniors who have passed in 35.

Six hours of attendance. Designed to give a general idea of the principles of embryological development and of heredity, illustrating the phenomena of fertilization and cleavage of the egg, metamorphosis and organ formation.

Professor MEAD

HOUSEHOLD ECONOMICS

This course deals with the fundamental principles which determine the health and disease in the community, household and individual. Lectures and laboratory work. Three hours for two years.

H. E. 1, H. E. 2, H. E. 3. *General Anatomy, Microscopical Anatomy and Physiology.* Three hours. Through the year. Elective for all students.

Six hours of attendance.

H. E. 4, H. E. 5, H. E. 6. Three hours. Through the year. Elective for students who have passed in H. E. 3.

H. E. 4. *Bacteriology.* First Term.

Six hours of attendance.

Parallel with course 9.

Professor GORHAM

H. E. 5. *Foods.* Second Term.

Six hours of attendance. Composition, nutrition, values of food stuffs, and physiology of digestion and secretion.

Dr. SULLIVAN and Special Lecturers

H. E. 6. *Hygiene.* Third Term.

Six hours of attendance. Principles of municipal and house sanitation, personal hygiene, and the nature of common diseases. Lectures, visits of public works and hospitals, and laboratory work. Dr. C. V. Chapin, Dr. F. T. Fulton and Dr. H. G. Partridge.

Professor MEAD.

BOTANY

1. 2, 3. *General Morphology and Ecology.* Three hours. Through the year. Elective for Undergraduates.

Six hours of attendance. Comparative study of the seed, the seedling and the mature plant; variations due to environment; experiments in plant physiology, etc. Intended especially to train the student to observe and properly interpret the more obvious phenomena of plant life, as well as to furnish the necessary preparation for more advanced work.

Professor BAILEY and Mr. COLLINS

4, 5. *Histology and Physiology.* Three hours. First and Second Terms. Elective for students who have passed in 1, 2, 3.

Mr. COLLINS

14. *Medical Botany.* Three hours. Third Term. Elective for students who have passed in 5.

Professor BAILEY and Mr. COLLINS

PHYSICAL CULTURE

A certain amount of systematic physical training is required of every Freshman and Sophomore in the College unless she is physically unable to engage in it. Juniors and Seniors are strongly urged to select some gymnasium work.

Upon entering the College every student receives a thorough physical examination by the Instructor in Physical Culture. Whenever it is necessary this examination is supplemented by the Medical Examiner.

From October until May, Freshmen and Sophomores are required to exercise two hours a week in the gymnasium. At the end of the year each student is examined again, and her physical development compared with that indicated by the first examination.

During the year the Medical Examiner gives a series of practical talks on personal hygiene.

For Juniors and Seniors a class in fencing is provided.

In addition to the exercises in the gymnasium, every effort is made to encourage interest in suitable sports, such as basket ball and tennis, and participation in them at proper seasons of the year. The general control of all athletic organizations is in the hands of the authorities of the College.

SUGGESTIONS FOR A COURSE PREPARATORY TO TEACHING

Proper preparation for teaching requires (1) a general preparation which shall make possible a broad view of the field, so that the general subject matter of each department of instruction may be clearly defined; (2) special preparation in those subjects which it is the purpose to teach; (3) the pursuit of those studies which make plain the aim, means and method of education in general, and of instruction in special subjects in particular.

I. General Preparation:

Every teacher should have knowledge of at least the elements of the fundamental subjects of instruction.

Latin { Greek } English French German Mathematics History Physics Chemistry Biology

II. Special Preparation:

Any subject may be chosen. However, as teachers are usually required to teach, or at least be prepared to teach, in more than one subject, if there is specialization in any subject in the following groups, the other subject or subjects in that group should receive special attention.

1. { Latin / Greek } 2. { French / German } 3. { History / English }

4. { Physics / Chemistry / Mathematics } 5. { Botany. / Comparative Anatomy / Geography. }

Unless one has marked tastes or ability in definite directions, an early or rigid specialization is unwise. In such cases close specialization should be left until after the first degree has been taken.

III. Theory and Practice of Education:

Psychology Junior
Education Junior
Education Senior

IV. Graduate Course:

The Graduate Course in Education is arranged for those who wish a more thorough preparation for their work than the above suggestions offer, and constitutes a major course for the degree of Master of Arts. It is recommended that the subject in which the candidate proposes to give instruction as a teacher be chosen for a minor.

NOTE: Student-Teachers. By special arrangement with the School Committee of the City of Providence, student-teachers are appointed to places in the Providence High Schools. Appointments are made from members of the Senior class who have pursued undergraduate courses in Education. These student-teachers are of two types. Those of the first type—of whom there are at least six (three of each sex)—under the guidance and direction of experienced teachers, have the control and conduct of classes. The time required each day is somewhat more than half the usual school session. They receive from the city $400 for their services for the year. Those of the second type are occupied in a similar way for from three to five hours a week. They receive no remuneration from the city. An unusual opportunity is thus afforded student-teachers to gain a thorough knowledge of the theory of education and at the same time practical experience in the art of teaching. In making appointments to places as teachers of the lowest grade in the Providence High School, preference is given to those who have successfully accomplished the course as student-teachers. In this respect student-teachers of the second type have the same status before the committee that makes appointments as those of the first type.

ATTENDANCE, EXAMINATIONS AND REPORTS

REGISTRATION AND ATTENDANCE

All undergraduate students who desire to attend the College during a given term are required to register at the Dean's office before the first day of such term. Every undergraduate student registered or re-registered on or after the first day of any term is charged for such registration or re-registration a fee of three dollars, to be remitted only by the Dean, and only on presentation of a substantial excuse for the lateness or the change. Any modification of a registration once made is accounted a re-registration.

Each student is expected to attend the daily chapel service and also every exercise in the several studies to which he is assigned.

EXAMINATIONS AND STANDING

Except in laboratory, seminary and similar work, all classes are examined at the close of each term.

A student is not admitted to examination in a study in which her term work is unsatisfactory to the officer of instruction or from which she has been absent one-half of the time assigned to the study.

The standing of students is indicated by letters as follows:

H is assigned to those whose work has been exceptionally good.

C is assigned to those who have passed with credit.

P is assigned to those who have passed in the subject, but deserve no higher recognition.

F is assigned to those whose work during the term has been so unsatisfactory that in the opinion of the instructor they should not be allowed an examination, or to those whose examination has been so unsatisfactory that it should, in the

opinion of the instructor, constitute a failure without regard to the work of the term, or to those who in the combined work of the term and the examination have failed to pass in the subject.

I is assigned to those whose work is incomplete, but satisfactory so far as done.

Abs is assigned to those who are absent from examination, unless *F* has already been assigned.

A student who receives the mark *F* must pursue the subject again with a succeeding class, or if the instructor allows, under a tutor appointed by the head of the department; or, if the failure is in an elective course, she may take as a substitute some other course approved by the Committee on Admission to Advanced Standing.

Examinations other than those regularly appointed are not held except in case of (1) candidates for advanced standing whose examinations are authorized by the Committee on Advanced Standing; (2) students detained from the regular examination whose absences have been excused; (3) students who have been allowed to pursue, under appointed tutors, studies in which they have failed at a regular examination.

A student who wishes to take a special examination must obtain from the Registrar of the University a written authorization, for which she shall pay a fee of $2, unless this is remitted by the President or the Dean of the Women's College, and must then arrange with the officer of instruction for the examination.

A student who at the close of a term has failed in three or more studies, counting for more than eight hours of work a week, cannot be again registered without special action of the faculty.

REPORTS OF ATTENDANCE AND PROFICIENCY

A careful record is kept of the attendance of every student of the College, and of her proficiency in her several studies. The standing of every undergraduate student is determined

at the close of each term. A report is sent to the parent or guardian of every undergraduate student containing the record of all absences from required exercises, indicating her standing in each of her studies for the term, and announcing her deficiency in any study or studies if such deficiency exists.

EXPENSES

Students at the Women's College pay the same amount as other students of the University.

Tuition, $105 a year.

No deduction in tuition is made on account of absence.

Incidentals, $45 a year.

The incidental expenses are for the printing of programs, examination papers and the like,the use of the library, heat for the halls and recitation rooms, and the wages of servants to care for the same.

One-half of the tuition and of the incidental expenses are to be paid in advance. The remainder is due January 1st. Laboratory expenses, etc., are to be paid two weeks before the close of a term.

Matriculation: Every member of the Freshman class pays, upon admission to the University, a matriculation fee of $5.

Graduation: Every member of the Senior Class pays at the close of her course a fee of $8 for her diploma and other expenses connected with graduation.

Special Students at the Women's College are charged $10 per term for each course holding three recitations per week. Laboratory charges are in addition to this.

SPECIAL LABORATORY DUES

All students who take the courses specified below pay the following special sums:

CHEMISTRY

Students who take courses 1, 2 or 3 are charged $3 a term, in addition to the regular charges for tuition.

Students who take advanced courses in analytical chemistry are charged $5 a term for a three-hour course, and $10 for a six-hour course, in addition to the regular charges for tuition.

The above fees include the use of common chemicals, but students are charged for breakage and special chemicals.

PHYSICS

Students who take courses in the physical laboratory pay $5 a term for a three-hour course (six hours attendance).

BOTANY

Students who take courses in Botany pay $3 a term.

COMPARATIVE ANATOMY

The charge for a laboratory course varies from $2 to $5.

RESIDENCE

The College owns one dormitory, the Slater Memorial Homestead, which contains for the accommodation of students four double rooms and nine single rooms. All the rooms are well furnished. One of the single rooms, on the second floor, is unusually large, and for it and board the charge is $8.25 a week. Two of the single rooms, on the third floor, are very small, and for each of them and board the charge is $5.25 a week. For all the other single rooms, and for half of each double room, together with board, the charge is $6.25 a week. Students are charged with room rent, but not with board during the vacations which occur in the academic year. The rate is $2.50 a week for the majority of the rooms; $4.50 and $1.75 for the special rooms mentioned above. Payment for each term must be made in advance.

Laundry work is done in the house at a moderate price.

It is possible for students to obtain rooms very near the Slater Memorial Homestead and take their meals at the dormitory.

Desirable homes for students may also be obtained in private families. Lodgings, with or without board, may be secured on consultation with the Dean.

LOAN FUNDS

The Rhode Island Society for the Collegiate Education of Women has founded a Loan Fund from which students of the Women's College who have completed their first year may borrow small sums on easy terms. This fund is available only for students whose record for scholarship is satisfactory to the committee which administers the loans.

COLLEGE AID

The College awards annually from its own funds scholarships of varying amounts to students in need of financial aid. These scholarships are given only to students whose work is creditable, and are withdrawn if their holders become deficient in scholarship or subject in any way to college discipline. Application for scholarships may be made to the Dean. Awards are not made until July first of each year.

SCHOLARSHIPS AND PREMIUMS

The Sarah E. Doyle Scholarship for young women, of one thousand dollars, founded by the lady whose name it bears, the income to be applied toward the payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The Sarah Sutton Scholarship for young women, of one thousand dollars, founded by one of her eight daughters.

The Daniels Scholarship of twenty-five hundred dollars, the income to be used toward paying the expenses of one or more women pursuing studies either in the University or in the Women's College adjunct thereto.

The Howard Scholarship of one thousand dollars presented by James Island Howard of Hartford, Conn.

The Joseph Thayer Scholarship of sixty-five hundred dollars, the income to be for the education of any young man *or woman,* who is a resident of the town of Uxbridge, desiring a liberal education.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the graduating class of the Women's College who shall present the best essay upon some topic in American history. The topic for the year 1902-1903 was "The part taken by Rhode Island in the resistance of the American Colonies to Great Britain, 1763-1775." The successful competitor was Jessie May Barbour. The topic for the year 1903-1904 will be "The Treaty of 1783 between Great Britain and the United States." The essays are to bear each an assumed name, but to be accompanied by an envelope marked with such assumed name and enclosing a sheet of paper with the candidate's real name and address. The essays must be handed to the Dean of the Women's College before May 1, 1904. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. Women candidates successful in first premium contests receive collateral prizes awarded by the Dean.

Further information in regard to the work of the Women's College may be secured, and catalogues obtained by addressing the Dean.

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BULLETIN OF BROWN UNIVERSITY

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WOMEN'S COLLEGE

IN

BROWN UNIVERSITY

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1904-1905

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WOMEN'S COLLEGE

IN

BROWN UNIVERSITY

ANNUAL

ANNOUNCEMENT

ACADEMIC YEAR 1904-1905

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MAR 24 1931
UNIVERSITY OF ILLINOIS.

PROVIDENCE, R. I.
REMINGTON PRINTING CO., 63 WASHINGTON STREET
1904

The Fourteenth Academic Year will begin on Wednesday, September 21st, with chapel service in Pembroke Hall, at 9 A. M.

ANNUAL ANNOUNCEMENT

In the Graduate Department of Brown University all courses are open to both men and women, at the same times and places and under the same conditions.

Instruction for undergraduate women is provided for by a department of the University known as the Women's College in Brown University. The aim of this College is to offer to all properly prepared women precisely the same examinations, the same courses of study under the same teachers, the same degrees, the same opportunities in every respect that the University offers to men, but to preserve the distinct social life of a separate college.

The Corporation assumes supervision and control of the Women's College as of other departments of the University, and for this purpose appoints annually an Executive Committee of the Women's College.

The President of the University is charged with the general direction, supervision and government of this College as of other departments of the University. The immediate direction, supervision and control is devolved, subject to the direction of the President, on the Dean of the Women's College. The Advisory Council, appointed under the authority of the Corporation, advises with the President and with the Dean upon matters relating to the Women's College, and makes recommendations to the Executive Committee of the Women's College or to the Corporation.

The instruction in the Women's College is given by the professors and instructors in Brown University.

The Corporation receives gifts of money to found scholarships, fellowships, and professorships in Brown University for the behoof of its women students and for the general purposes of the Women's College, and holds and administers such funds as separate and distinct from the general funds of the University.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

With their Titles in Brown University.

WILLIAM HERBERT PERRY FAUNCE, D. D., President

ANNIE CROSBY EMERY, Ph. D., Dean of the Women's College

EMMA BRADFORD STANTON, A. M., Assistant Registrar

BENJAMIN FRANKLIN CLARKE, Sc. D.
Professor of Mechanical Engineering

JOHN HOWARD APPLETON, Sc. D.
Newport-Rogers Professor of Chemistry

WILLIAM CAREY POLAND, A. M.
Professor of the History of Art and Director of the Museum of Fine Arts

NATHANIEL FRENCH DAVIS, LL. D.
Professor of Pure Mathematics

WILLIAM WHITMAN BAILEY, LL. D.
Professor of Botany

ALBERT GRANGER HARKNESS, A. M.
Professor of Roman Literature and History

COURTNEY LANGDON, A. B.
Professor of the Romance Languages and Literatures

WILFRED HAROLD MUNRO, A. M.
Professor of European History

GEORGE GRAFTON WILSON, Ph. D.
Professor of Social and Political Science

JAMES IRVING MANATT, Ph. D., LL. D.
Professor of Greek Literature and History

WALTER COCHRANE BRONSON, A. M.
Professor of English Literature

WALTER GOODNOW EVERETT, Ph. D.
Professor of Philosophy and Natural Theology

*ASA CLINTON CROWELL, Ph. D.
Associate Professor of the Germanic Languages and Literatures

CARL BARUS, Ph. D.
Hazard Professor of Physics

FRANCIS GREENLEAF ALLINSON, Ph. D.
David Benedict Professor of Classical Philology

HENRY PARKER MANNING, Ph. D.
Assistant Professor of Pure Mathematics

JAMES QUAYLE DEALEY, Ph. D.
Associate Professor of Social and Political Science

WALTER BALLOU JACOBS, A. M.
Professor of Theory and Practice of Education

ALBERT DAVIS MEAD, Ph. D.
Professor of Comparative Anatomy

ALBERT KNIGHT POTTER, A. M.
Associate Professor of the English Language

ALBERT BUSHNELL JOHNSON, A. M.
Associate Professor of the Romance Languages

FREDERICK POOLE GORHAM, A. M.
Associate Professor of Biology

JOHN FRANCIS GREENE, A. M.
Assistant Professor of Roman Literature and History

FREDERICK SLOCUM, Ph. D.
Assistant Professor of Astronomy

WILLIAM MacDONALD, Ph. D.
Professor of History

JOHN EMERY BUCHER, Ph. D.
Associate Professor of Chemistry

HENRY THATCHER FOWLER, Ph. D.
Professor of Biblical Literature and History

LINDSAY TODD DAMON, A. B.
Associate Professor of Rhetoric

GEORGE WYLLYS BENEDICT, Ph. D.
Assistant Professor of English

*On leave of absence during the academic year 1904-05.

THOMAS CROSBY, JR., A. M.
Assistant Professor of English and Public Speaking

JOHANNES BENONI EDUARD JONAS, PH. D.
Assistant Professor of the Germanic Languages and Literatures

HENRY BARRETT HUNTINGTON, A. B.
Assistant Professor of English

ALBERT SWIFT MORSE, A. M.
Assistant Professor of the Romance Languages

JAMES FRANKLIN COLLINS, PH. B.
Instructor in Botany and Curator of the Herbarium

CLARENCE ELNATHAN NORRIS, A. M.
Instructor in German

ALLAN HERBERT WILLETT, PH. D.
Instructor in Political Economy

GEORGE WARRINGTON LATHAM, A. B.
Instructor in English

HENRY JEWETT HALL, A. M.
Instructor in Psychology

MARION LYDIA SHOREY, Ph. B.
Instructor in Physiology and Household Economics

JESSIE RICHARDS ADAMS (Graduate of the Boston Normal School of Gymnastics.)
Instructor in Physical Culture

JEANNIE O. ARNOLD, M. D.
Medical Examiner

ADVISORY COUNCIL

MISS SARAH E. DOYLE, MISS AMELIA S. KNIGHT,
MRS. ELIZA G. RADEKE, MRS. A. I. C. D. AMES,
MRS. ANNIE HOWE BARUS

GENERAL ANNOUNCEMENTS

FOR THE

Academic Year, 1904-1905.

The fourteenth academic year will begin on Wednesday, September 21st, with chapel service in Pembroke Hall, at 9 A. M.

EXAMINATIONS

Examinations for admission to the Freshman Class will be held in Wilson Hall of Brown University, beginning Thursday, September 15, at 8 A. M.

The requirements for the admission of women are identical with the requirements for the admission of men to Brown University. Women as well as men may enter by certificate or by examination. The Catalogue of Brown University must be consulted for the list of requirements, and for all regulations governing admission.

REGISTRATION

The registration of undergraduate students will begin on Monday, September 19, at 9 A. M., and close on Tuesday, September 20, at 6 P. M. All undergraduate students registering or in any way changing their registration after September 20 will be charged a fee of three dollars, unless a satisfactory explanation is made to the Dean.

CHOICE OF ELECTIVES

Students will find enclosed elective lists, on which to mark their choice of courses. These lists must be returned to the Registrar of the Women's College before the registration cards can be made out. It is urgently requested that these lists be returned, if possible, before September 14. The Dean may be consulted on Monday, and Tuesday, Sep-

tember 19, 20, at her office in Pembroke Hall. Students should avail themselves of the opportunity thus offered for consultation; as few changes can be made in the second or third term, it is of the greatest importance to make a wise choice of studies in the autumn term.

NOTES

Students desiring to elect extra courses must designate them on their elective lists.

Students must not select more than one study in the same group. The hours of courses not listed in the time schedule will be arranged with the instructors.

Candidates for the degree of Bachelor of Arts or Bachelor of Philosophy are requested to read carefully the sections which follow regarding the curriculum, and to make out their lists in accordance with the information there given.

For official notices students should consult the bulletin boards in Pembroke Hall.

CURRICULUM FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS

Candidates are required to take certain studies before the completion of the course, as shown in the following tabulation:

Ancient Language (either Latin or Greek or both). Six hours.

At least three hours must be taken in the Freshman year, and the whole six hours must be completed by the end of the Sophomore year.

Modern Language (either French or German or both). Six hours.

At least three hours must be taken in the Freshman year, and the whole six hours must be completed by the end of the Sophomore year.

Students presenting German only must take elementary French. Students presenting French only must take elementary German. Students presenting elementary French only must continue French in the Freshman year and take elementary German in either the Freshman or the Sopomore year. Students presenting elementary German only must continue German in the Freshman year and take elementary French in either the Freshman or the Sophomore year. Students presenting elementary French and elementary German only must continue both languages, but may postpone the continuation of one language to the Sophomore year. Students presenting elementary work in one language

and elementary and advanced work in the other must take in the Fresh man year the language in which the elementary work only was presented. Students presenting elementary and advanced work in both languages may take the required six hours in either French or German or both.

Mathematics. Freshman year. Four or five hours.

Those who present Solid and Spherical Geometry and Plane Trigonometry must take Mathematics five hours a week during the Freshman year. This includes the courses now numbered Mathematics 4, 5, 6, 7, 9, 10, and 12. Students taking these courses will be enabled to begin work in sciences requiring Mathematics one year earlier than other students.

English (elementary). Freshman year. Three hours.

European History. Three hours.
First and second terms, Sophomore or Junior year.

English Literature. Some three-hour course continuous through the year.
Sophomore, Junior or Senior year.

Physical or Natural Science. Some three-hour course continuous through the year.
Freshman, Sophomore or Junior year.

Political Science, Social Science, and Political Economy. One three-hour, one-term course in each of the three departments.
Sophomore, Junior or Senior year.

Philosophy. Some three-hour course continuous through the year.
Sophomore, Junior or Senior year.

NOTE: Candidates for the degree of Bachelor of Arts in June, 1905, are also required to take English 4, 5, 6, unless they have already received credit for the course.

FRESHMAN YEAR

I. *Required Studies.*

Latin 1, 2, 3, or Greek A, B, C or 1, 2, 3. Three hours.
French A, B, C or 1, 2, 3. } Three hours.
German 1, 2, 3, or 24, 25, 26. }
Mathematics 3, 1, 2. Four hours, or
Mathematics 4, 5, 6, 7, 9, 10, 12. Five hours.
English 1, 2, 3. Three hours.

II. *Elective Studies.* One three-hour course running through the year must be chosen in addition to those taken as required studies.

Latin 1, 2, 3. For students presenting elementary and advanced Latin for admission.

Greek A, B, C. For students presenting no Greek for admission.

Greek 1, 2, 3. For students presenting elementary and advanced Greek for admission.

French A, B, C. For students presenting no French for admission.

French 1, 2, 3. For students presenting elementary French for admission.

French 13, 14, 15. For students presenting elementary and advanced French for admission.

German 1, 2, 3. For students presenting no German for admission.

German 24, 25, 26. For students presenting elementary German for admission.

German 34, 35, 36. For students presenting elementary and advanced German for admission.

Greek 46, Latin 46, 47, (History of Greek and Roman Life and Institutions). For all students.

Chemistry 1, 2, 3. For all students.

Chemistry 4, 5, 6. For students presenting Chemistry for admission (subject to the consent of the department).

Botany 1, 2, 3. For all students.

Comparative Anatomy, 1, 2, 3. For all students.

SOPHOMORE YEAR

I. Required studies which must be completed by the end of the Sophomore year.

That portion of the required work in ancient and modern languages not completed in the Freshman year.

II. Other required and elective studies sufficient with studies taken under I. to make fifteen hours a week.

JUNIOR YEAR

I. Required studies which must be completed by the end of the Junior year.

The required History and Physical or Natural Science, if not previously taken.

II. Other required and elective studies sufficient with studies taken under I. to make fifteen hours a week.

SENIOR YEAR

I. All required studies not previously taken.

II Elective studies sufficient with studies taken under I. to make fifteen hours a week.

FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF PHILOSOPHY

Candidates are required to take certain studies, before the completion of the course, as shown in the following tabulation:

Modern Language. An amount sufficient with the work presented for admission to complete the elementary course and a year of advanced work in both French and German. A student who is admitted in both advanced French and advanced German is required to continue only one of these languages for one year, three hours a week, in college.

**Mathematics.*
Freshman year. Four or five hours.

English (elementary).
Freshman year. Three hours.

European History. Three hours.
First and Second Terms, Sophomore or Junior year.

Physical or Natural Science. Some three-hour course continuous through the year.
Freshman, Sophomore, or Junior year.

Philosophy. Some three-hour course continuous through the year.
Sophomore, Junior, or Senior year.

NOTE: Candidates for the degree of Bachelor of Philosophy in June, 1905, are required to take English 4, 5, 6, unless they have already received credit for the course.

FRESHMAN YEAR

I. *Required Studies.*
English 1, 2, 3. Three hours.
French A, B, C or 1, 2, 3. } Three hours.
German 1, 2, 3 or 24, 25, 26. }
Mathematics 3, 1, 2. Four hours, or
Mathematics 4, 5, 6, 7, 9, 10, 12. Five hours.

II. *Elective Studies.* Two three-hour courses running through the year must be chosen in addition to those taken as required studies.

Latin 1, 2, 3. For students presenting elementary and advanced Latin for admission.

Greek A, B, C. For students presenting no Greek for admission.

Greek 1, 2, 3. For students presenting elementary and advanced Greek for admission.

French A, B, C. For students presenting no French for admission.

*Five hours for students presenting Solid and Spherical Geometry and Plane Trigonometry for entrance.

French 1, 2, 3. For students presenting elementary French for admission.

French 13, 14, 15. For students presenting elementary and advanced French for admission.

German 1, 2, 3. For students presenting no German for admission.

German 24, 25, 26. For students presenting elementary German for admission.

German 34, 35, 36. For students presenting elementary and advanced German for admission.

Greek 46, Latin 46, 47, (History of Greek and Roman Life and Institutions). For all students.

Chemistry 1, 2, 3. For all students.

Chemistry 4, 5, 6. For students presenting Chemistry for admission (subject to the consent of the department).

Botany 1, 2, 3. For all students.

Comparative Anatomy 1, 2, 3. For all students.

Drawing 16, 17, 18. For all students.

SOPHOMORE YEAR

I. Required studies which must be completed by the end of the Sophomore year.

That portion of the required work in modern language not completed in the Freshman year.

II. Other required and elective studies sufficient with those taken under I. to make fifteen hours a week.

JUNIOR YEAR

I. Required studies which must be completed by the end of the Junior year.

The required History and Physical or Natural Science, if not previously taken.

II. Other required and elective studies sufficient with those taken under I. to make fifteen hours a week.

SENIOR YEAR

I. All required studies not previously taken.

II. Elective studies sufficient with those taken under I. to make fifteen hours a week.

REGULATIONS UNDER WHICH A STUDENT MAY BE PERMITTED TO TAKE A FIRST DEGREE IN LESS THAN FOUR YEARS

1. A candidate for a first degree who has passed in the required number of hours of work and all of the required subjects may, at the end of the term in which her work is completed, be excused from further attendance

at the University and may receive her degree at the Commencement next following such term.

2. A candidate for a first degree who has maintained a satisfactory standing in her studies may, subject to the consent of the Committee on Advanced Standing, take work in addition to the regular number of hours provided for in the curriculum of the course which she is pursuing.

3. A candidate for a first degree may receive credit for work done outside of Brown University as follows:

(a) A candidate for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, provided first, that she present a letter of honorable dismissal from the institution which she last attended, second, that she present a detailed statement of her previous work and her standing therein, signed by the proper official. The amount of credit to be given shall be determined by the Committee on Admission to Advanced Standing.

(b) A candidate for admission to advanced standing may receive credit for any subject included in the curriculum of the course which she proposes to enter, provided first, that she notify in writing the Committee on Admission to Advanced Standing at the time she applies for admission to the University of her intention to present such subject, and second, that she pass an examination in the subject before a date set by said Committee.

(c) A candidate for a first degree may receive credit for work done at the summer school of an approved institution of collegiate rank, provided that the work have the approval of the head of the department concerned at Brown University. The equivalent of the credit for the work given at the institution in question shall be allowed at Brown University, but the total credit for work at summer schools for any one summer shall in no case exceed fifteen (15) term hours.

(d) A candidate for a first degree may with the consent of the head of the department and with the approval of the faculty pursue studies connected with said department during a summer in which she does not attend a summer school, and may receive credit for such studies, provided first, that the work be under the supervision of the head of the department concerned, second, that she pass an examination in all the work before the end of the following term. The amount of credit for work of this kind shall be determined by the head of the department but the total credit for any one summer shall not exceed nine (9) term hours. No student will be allowed to do summer work in connection with any department of the University until she has presented to the head of the department a registration slip properly filled and signed by the Dean.

4. If a student at the beginning of her Senior year lacks less than forty-five (45) term hours of completing her course she may, for reasons deemed sufficient by the Committee on Admission to Advanced Standing, distribute her work over the year.

5. If a student at the beginning of any term lack less than fifteen (15) term hours of completing her course she may, for reasons deemed sufficient

by the Committee on Admission to Advanced Standing, be excused from taking more than the necessary number of hours.

NOTE:—Paragraphs 4 and 5 are designed to assist students who desire to pursue graduate work during their Senior year (see rules of Committee on Graduate Students, published in the University Catalogue) or who for financial or other reasons wish to do work not connected with their college course.

REQUIREMENTS FOR ADMISSION TO SPECIAL COURSES

The various courses of study in the College are open to mature persons of good character who have had the training requisite to pursue them with profit. This privilege is intended for those who wish to take advantage of the instruction offered in special branches without pursuing the full course of study required of candidates for a degree.

All students who can do so are advised to matriculate for a degree, and no one will be allowed to use the privilege here offered for the purpose of securing a merely nominal connection with the College.

Special students are subject to the same regulations regarding attendance and examinations as candidates for degrees, and must take fifteen hours of class-room work a week unless satisfactory reasons for a smaller assignment can be presented.

Applicants for special courses must present to the Dean of the Women's College on or before August 1st a certified and detailed statement of the character and extent of their preparatory work, including testimonials of character and ability from the last school or college attended. In case a student has attended several preparatory schools, she must present credentials from all.

Students who withdraw from a preparatory school before completing its course of study will not be admitted as special students unless the principal of the school cordially recommends such action.

Applicants must satisfy the officers of instruction, by examination or otherwise, that they are qualified to pursue the courses desired.

On leaving the College, a special student who desires a formal certificate of her attainments may receive it.

ANNOUNCEMENT OF COURSES

The courses which are marked with an asterisk are given at the University, but students of the Women's College are admitted to them on the recommendation of the Dean. Women may also be admitted to other University courses not announced here, with the special permission of the department, and with the consent of the Dean.

Descriptive information about the College and University courses and announcements of alternating courses may be obtained from the Catalogue of Brown University. The following announcements are intended to guide students in the election of courses for the coming academic year.

PHILOSOPHY

Some three-hour, three-term course in this department is required of every candidate for the degree of Bachelor of Art or Bachelor of Philosophy. The courses in Education, however, cannot be taken to satisfy this requirement.

2, 3, 4. *Psychology.*
General Synthetic Course. Three hours. Through the year. Elective for Juniors and Seniors.

Mr. HALL

5, 23. *Theoretical Ethics.*
Three hours. First and Second Terms. Elective for Juniors and Seniors.

24. *Philosophy of Religion.*
Three hours. Third Term. Elective for Juniors and Seniors who have had previous philosophical training.

Professor EVERETT

*8, 9, 10. *History of Philosophy.*
Three hours. Through the year. Elective for Juniors and Seniors.

Professor EVERETT

44. *Practical Ethics.*
Three hours. Third Term. Elective for Juniors and Seniors.

President FAUNCE

EDUCATION

1. *History of Education.*
Three hours. First Term. Elective for Juniors and Seniors.

2. *Critical Study of Modern Education.*
Three hours. Second Term. Elective for Juniors and Seniors.

3. *Fundamental Principles of Education.*
Three hours. Third Term. Elective for Juniors and Seniors.
Professor JACOBS

NOTE: Courses 1, 2 and 3 treat of education in its relation to the individual, and to the social and political whole, and hence are of interest to all students, whether they intend to teach or not. At the same time they form an introduction to the courses which follow. Those who intend to teach are recommended to elect these courses during the Junior year.

4. *Psychology of Education.*
Three hours. First Term. Elective for Seniors.

5. *Hygiene of Education.*
Three hours. Second Term. Elective for Seniors.

6. *Practical Introduction to Teaching.*
Three hours. Third Term. Elective for Seniors.
Professor JACOBS

NOTE: *Teacher's Certificates.* The above courses, 1-6, cover the requirements in professional studies for certificates of the First Grade in all states except where practice-teaching or experience is demanded. In Rhode Island, *the holding of a certificate is required of all teachers* in schools supported in whole or in part by public money. Certificates of the First Grade are granted without examination to those who have completed the above courses and hold a college degree. Due credit is also given for separate courses. Those who expect to teach, will find it to their advantage to elect also courses in Logic, Psychology, Ethics, Social and Political Science.

NOTE: Those who have completed courses 1-6 and hold a college degree are eligible to appointment as Pupil Teachers in the Grammer Schools of Providence or as Student Teachers in the High Schools.

HISTORY

NOTE: The elective courses in History are regularly open only to those who have passed in Courses 1 and 2; but, by special permission of the instructor, elective courses may be taken by Juniors and Seniors who are taking at the same time Courses 1 and 2. The only elective course in History open to Sophomores is Course 40.

EUROPEAN HISTORY

1, 2. *Mediæval and Modern History of Europe.*
Three hours. First and Second Terms. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy, in either the Sophomore or Junior year.

A general survey of the history of western Europe from the time of the barbarian invasions to the close of the Napoleonic wars. Work based upon a narrative text-book, supplemented by lectures, frequent written tests, and written reports and abstracts on assigned reading and topics for special investigation.

Professor MacDonald

40. *European History since* 1815.

Three hours. Third Term. Elective for Juniors and Seniors, and for Sophomores who have taken courses 1 and 2.

Professor Munro

11. *Period of the Renaissance.*

Three hours. First Term. Elective for Juniors and Seniors.

3. *Period of the Reformation.*

Three hours. Second Term. Elective for Juniors and Seniors.

16. *The French Revolution.*

Three hours. Third Term. Elective for Juniors and Seniors.

Professor Munro

AMERICAN HISTORY

25, 26, 27. *American History to* 1787.

Three hours. Through the year. Elective for Juniors and Seniors.

Professor MacDonald

Note: This course may not be offered in 1904–05.

*37, 38, 39. *Research Course in American History.*

Three hours. One hour of class-room attendance. Through the year. Elective for Graduates and approved Seniors.

Professor MacDonald

SOCIAL AND POLITICAL SCIENCE

12. *Political Science. Elementary Course.*

Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

Professor Dealey

12. *Social Science. Elementary Course.*

Three hours. Second Term. Elective for Sophomores, Juniors and Seniors who have passed in Political Science 12.

Professor Wilson

12. *Political Economy. Elementary Course.*

Three hours. Third Term. Elective for Sophomores, Juniors and Seniors who have passed in Political Science 12 and Social Science 12.

Dr. Willett

The above subjects constitute a single course, introductory to advanced work in Social and Political Science and Political Economy. Sophomores who intend to pursue such work in the future should elect this course in 1904-05.

4. *United States Government.*
Three hours. First Term.
Constitution, organization, powers, activities and system of elections. Elective for Juniors and Seniors.
Professor DEALEY

15. *Municipal Government.*
Three hours. Second Term. Elective for Juniors and Seniors.
Organization and functions of the cities of the United States. Special attention given to the social and esthetic aspects of municipal life.
Professor DEALEY

19. *The Latin-American Republics.*
Three hours. Third Term.
Economic and political systems and social conditions.
Professor DEALEY

[10. *Social Institutions.*
Three hours. First Term. Elective for Juniors and Seniors.]
Development, forms, importance, as shown in the family, church, state and school.
Professor DEALEY

[2. *Social Problems and Conditions.*
Three hours. Second Term. Elective for Juniors and Seniors.]
Studies in modern systems of charity, and criminology.
Professor DEALEY

[4. *Social Philosophy.*
Three hours. Third Term. Elective for Juniors and Seniors.]
Aims and ideals in social life, social well-being.
Professor DEALEY

The courses in brackets will be omitted in 1904-05, and offered in 1905-06.

Other advanced courses for undergraduates and graduates will be found in the Catalogue of Brown University.

POLITICAL ECONOMY

NOTE: *The courses in this department are open only to those students who have passed in Social Science* 12 (*first term*), *Political Science* 12 (*second Term*), *and Political Economy* 12 (*third term*), *which together constitute a single course introductory to the departments of Social and Political Science and Political Economy.*

1, 2, 3. *General Economics.*
Three hours. Through the year. Elective for Juniors and Seniors who have passed in 12.

*9, 10, 11. *Public Finance.*
Three hours. Through the year. Elective for Juniors, Seniors, and Graduates.
Professor GARDNER

*15. *The Labor Movement.*
Three hours. First Term. Elective for Juniors, Seniors, and Graduates.
Dr. WILLETT

*4. *Socialism.*
Three hours. Second Term. Elective for Juniors, Seniors, and Graduates.
Dr. WILLETT

*17. *The Tariff.*
Three hours. Third Term. Elective for Juniors, Seniors, and Graduates.
Dr. WILLETT

*22, 23, 24. *Investigation of Special Topics.*
Three hours. Six hours of attendance. Through the year. Elective for approved Juniors, Seniors, and Graduates.
Professor GARDNER and Dr. WILLETT

*19. *Industrial History of England.*
Three hours. First Term. Elective for Juniors, Seniors and Graduates.
Professor GARDNER

*20. *Industrial History of the United States since* 1860.
Three hours. Second Term. Elective for Juniors, Seniors and Graduates.
Professor GARDNER

*21. *Industrial Conditions in the United States since* 1861.
Three hours. Third Term. Elective for Juniors, Seniors and Graduates.
Professor GARDNER

*5. *Insurance.*
Three hours. First Term. Elective for Juniors, Seniors, and Graduates.
Dr. WILLETT

*8. *Insurance.*
Three hours. Second Term. Elective for Juniors, Seniors, and Graduates.
Dr. WILLETT

HISTORY OF ART

NOTE: Courses 1, 4, and 6 may be taken independently, but students are advised to elect all three in the above order, in which they form a consecutive outline of the history of art. Students are strongly advised to take 1, if possible, before any other course in the history of art.

1. *Ancient Art or Classical Archæology.*
Three hours. First Term. Elective for Juniors and Seniors.

4. *Roman, Early Christian and Mediæval Art.*
Three hours. Second Term. Elective for Juniors and Seniors.

6. *Art of Renaissance.*
Three hours. Third Term. Elective for Juniors and Seniors.
Professor POLAND

14, 15, 16. *Practical Work in Art.*
Three hours. Through the year. Elective for students who are taking, or who have passed in Art 1, 4, 6, and who have also passed in Drawing 2, 3, 4, or have equivalent proficiency in drawing. Given at the Rhode Island School of Design.

GREEK LITERATURE AND HISTORY

A, B, C. *Elementary.*
Three hours. Through the year.
For the benefit of those who have been prevented from obtaining Greek before entering college. The course aims to cover, with mature students, as much as possible of the entrance requirements in Greek. It is hoped that earnest and mature students will be able to make such progress during the academic year in reading Xenophon that they will be able, by private study during the following long vacation, to complete four books of the Anabasis before the beginning of the next academic year. They might then take up with the Freshman class the reading of the regular prose Greek, and, by additional study, complete before the following spring term the entrance requirements in Homer, and thus be enabled to continue with the Freshman class in Homer also.

1. *Lysias.*
Three hours. First Term. Elective for students who presented elementary and advanced Greek for admission or who have taken Greek A, B, C and the additional work indicated under the announcement of the course.
Dean EMERY

2. *Plato.*
Three hours. Second Term. Elective for students who have taken Greek 1 or its equivalent.
Professor ALLINSON

3. *Homer.*
Three hours. Third Term. Elective for students who have taken Greek 1 and 2 or equivalents.
Professor MANATT

46. *Greek Life.*
Three hours. First Term. Elective for Freshmen and Sophomores.
This course is continued in the Second and Third Terms as Latin 46, 47. The three terms together constitute the course in Greek and Roman Life and Institutions. No knowledge of Greek or Latin is required.
Professor MANATT

4. *Greek Lyric Poets.*
Three hours. First Term. Elective for Sophomores.
Professor MANATT

6. *Dramatic Poets.*
Three hours. Second Term. Elective for Sophomores.
Dean EMERY

5. *Lucian.*
Three hours. Third Term. Elective for Sophomores.
Professor ALLINSON

16. *Plato and Aeschylus.*
Three hours. First Term. Elective for Juniors and Seniors.
Professor ALLINSON

25. *Herodotus.*
Three hours. Second Term. Elective for Juniors and Seniors.
Professor MANATT

26. *Thucydides.*
Three hours. Third Term. Elective for Juniors and Seniors.
Dean EMERY

47. *Greek Composition.*
Three hours. Third Term. Elective for Sophomores, Juniors and Seniors.
Professor ALLINSON

ROMAN LITERATURE AND HISTORY

1. *Livy.*
Three hours. First Term. Elective for students who presented elementary and advanced Latin for admission.
Professor GREENE

2. *Cicero's Letters.*
Three hours. Second Term. Elective for students who presented elementary and advanced Latin for admission.
Professor GREENE

3. *Tacitus' Germania and Agricola.*
Three hours. Third Term. Elective for students who presented elementary and advanced Latin for admission.
Professor GREENE

46, 47. *Roman Life.*
Three hours. Second and Third Terms. Elective for Freshmen and Sophomores.

This course is a continuation of Greek 46. The three terms together constitute the course called History of Greek and Roman Life and Institutions. No knowledge of Greek or Latin is required.
Professor GREENE

4. *Horace.*
Odes and Epodes. Three hours. First Term. Elective for Sophomores.
Dean EMERY

5. *Horace.*
Satires and Epistles. Three hours. Second Term. Elective for Sophomores.
Dean EMERY

6. *Catullus, Tibullus and Propertius.*
Three hours. Third Term. Elective for Sophomores
Dean EMERY

11. *Prose of the Early Republican Period.*
Three hours. First Term. Elective for Juniors and Seniors.
Lectures on prose. Reading from Terence.
Professor HARKNESS

12. *Prose of the Later Republican Period.*
Three hours. Second Term. Elective for Juniors and Seniors.
Reading from Cicero.
Professor HARKNESS

13. *Prose of the Silver Age.*
Three hours. Third Term. Elective for Juniors and Seniors.
Reading from the *Annals* of Tacitus.
Professor HARKNESS

ENGLISH LITERATURE AND LANGUAGE

No student who has not credit for entrance English will be admitted to any English course.

1, 2, 3. *Rhetoric and Composition.*
Three hours. Through the year. Required of all Freshmen.
Messrs. LATHAM, HASTINGS and GROSE, and Miss STRAFFIN

4, 5, 6. *Argumentative Composition.*
One hour. Through the year. Required of all candidates for the degree of Bachelor of Arts or Bachelor of Philosophy in the Class of 1905 who have not already received credit for the course.
Mr. LATHAM and Miss STRAFFIN

28, 29, 30. *Argumentative Composition.*
Three hours. Through the year. Third hour devoted, at the option of the instructor, to consultation. Elective for Juniors and Seniors who have passed in English 1, 2, 3.

Study of the principles and forms of argumentative composition. Lectures, written exercises, briefs, forensics, and less formal arguments. Intended to furnish a more thorough training than English 4, 5, 6, especially in persuasion. Six long pieces of work required, at least two of which will be forensics preceded by briefs.
Professor HUNTINGTON and Mr. LATHAM

7, 8, 9. *English Composition, advanced course.*

Three hours. Through the year. Elective for Sophomores, Juniors, and Seniors who have passed in 1, 2, 3. With the consent of the instructor the course may be repeated.

Professor BENEDICT

16, 17, 18. *English Literature, introductory course.*

Three hours. Through the year. Elective for Sophomores, Juniors, and Seniors.

Professor BRONSON

40, 41, 42. *Shakspere, linguistic course.*

Three hours. Through the year. Elective for Sophomores, Juniors, and Seniors. Not to be offered in 1905–06.

Professor POTTER

46, 47, 48. *English Literature from* 1660 *to* 1798.

Three hours. Two meetings a week and a third meeting at the pleasure of the instructor. Through the year. Elective for students who have passed in one course in English literature. Not to be offered in 1905–06.

Professor HUNTINGTON

55, 56, 57. *Victorian Poets.*

Three hours. Through the year. Elective for students who have passed in one course in English literature. Not to be offered in 1905–06.

Professor CROSBY

GERMANIC LANGUAGES AND LITERATURES

GERMAN

1, 2, 3. *Introductory Course.*

Three hours. Through the year. Required of all students not presenting German for admission.

Mr. ASHLEY

24, 25, 26. *Intermediate Course.*

Three hours. Through the year. Required of all Freshmen presenting elementary German for admission.

Mr. NORRIS

4, 6, 8. *Drama of the Classic Period.*

Three hours. Through the year. Elective for students who have passed in 1, 2, 3.

Professor JONAS

*5, 7, 9. *Modern Prose.*

Three hours. Through the year. Elective for students who have passed in 8 or 26.

Varies in details from year to year. Representative pieces by the best nineteenth century authors in history, biography, legend and fiction.

Professor JONAS

34, 35, 36. *Advanced Course in Standard Authors.*

Three hours. Through the year. Elective for students who have passed in 24, 25, 26 and for those presenting advanced German for admission.

Mr. STEWART

*40, 41, 42. *Composition.*

One hour. Through the year. Elective only for Seniors pursuing the regular courses of the second or third year in German, and for those who have passed in 48.

Professor JONAS and Mr. STEWART

*46, 47, 48. *German Masterpieces* I.

Three hours. Through the year. Elective for Seniors who have passed in 8.

Goethe's *Faust, Parts* I. and II

Professor JONAS

*16, 17, 18. *German Literature.*

Three hours. Through the year. Elective for students who have passed in 8 or 48.

Mr. STEWART

ROMANCE LANGUAGES AND LITERATURES

FRENCH

A, B, C. *Elementary French.*

Three hours. Through the year. Required of all students who did not present French for admission.

Grammar, composition, dictation, translation of selections from modern authors into idiomatic English. The equivalent of the French required for admission.

Professor MORSE

1, 2, 3. *Language.*

Three hours. Through the year. Required of all Freshmen who presented elementary French for admission.

A thorough study of French syntax, translation of modern authors, written and oral re-translation into French of exercises based upon the texts read, dictation. Intended to give students a large working vocabulary.

Professors JOHNSON and MORSE

10, 11, 12. *Language and Literature.*

Three hours. Through the year. Elective for students who presented advanced French for admission, or who received only a pass-mark in 1, 2, 3.

An introduction to the best literature of the nineteenth century, including some study of the language.

Professor MORSE

13, 14, 15. *Practice in Writing and Speaking.*

Three hours. Through the year. Elective for students who have passed with credit in 1, 2, 3 or 10, 11, 12.

Intended more especially for those preparing to teach. A large amount of set and free composition, abstracts (in French) of assigned reading, dictation, conversation, oral translation into French of an English novel, abstracts, of French read in class by the instructor.

Professor JOHNSON

37, 38, 39. *French Drama.*

Three hours. Through the year. Elective for Juniors and Seniors who have passed with credit in French 1, 2, 3.

From Corneille to Rostand, with special study of its classical and romantic sources and influences.

Professor LANGDON

ITALIAN

1, 2, 3. *Modern Italian.*

Three hours. Through the year. Elective for Juniors and Seniors

Grammar, composition, conversation, and rapid translation of modern authors.

Professor LANGDON

NOTE: Either French 37, 38, 39 or Italian 1, 2, 3 will be given in 1904-05.

COMPARATIVE LITERATURE

1, 2, 3. *Dante in English.*

Three hours. Through the year. Elective for Juniors and Seniors.

A study of the whole of the *Divina Commedia* in English in the light of modern thought and in connection with the great world-poems, *Job*, the *Iliad-Odyssey*, the *Æneid*, *Hamlet*, *Paradise Lost*, *Faust* and *The Ring and the Book*. An introduction to a study of comparative literature by means of the best available translations.

Professor LANGDON

BIBLICAL LITERATURE AND HISTORY

4, 5, 6. *Hebrew History and Literature.*

Three hours. Through the year. Elective for Sophomores, Juniors and Seniors. Each term may be elected separately.

First Term, early Semitic history and the beginnings of Hebrew history. Second Term, the United Kingdom. Third Term, the Divided Kingdom.

Professor FOWLER

[1, 2, 3. *Jewish and Early Christian History and Literature.*]

Three hours. Through the year. Elective for Sophomores, Juniors and Seniors. Not offered in 1904–05.

Professor FOWLER

*7, 8, 9. *Biblical Seminary in English.*

Three hours. Through the year. Elective for Graduates and qualified Undergraduates.

Professor FOWLER

PURE MATHEMATICS

3. *Algebra.*

Four hours. First Term. Required of candidates for the degree of Bachelor of Ar's or Bachelor of Philosophy who did not present Solid Geometry and Plane Trigonometry for admission.

Professors MANNING and SLOCUM

1. *Geometry, Solid and Spherical.*

Four hours. Second Term. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who did not present Solid Geometry and Plane Trigonometry for admission.

Professors CLARKE and SLOCUM

2. *Trigonometry.*

Four hours. Third Term. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who did not present Solid Geometry and Plane Trigonometry for admission.

Professors MANNING and SLOCUM

9, 10. *Analytic Geometry.*

Three hours. First and Second Terms. Elective for students who have passed in 3, 1 and 2. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who presented Solid Geometry and Plane Trigonometry for admission.

Professor DAVIS

12. *Differential Calculus.*

Three hours. Third Term. Elective for students who have passed in 10. Required of candidates for the degree of Bachelor of Arts or Bachelor of Philosophy who presented Solid Geometry and Plane Trigonometry for admission.

Professor DAVIS

*13. *Integral Calculus.*

Three hours. First Term. Elective for students who have passed in 12.

Professor DAVIS

*14. *Applications of the Differential Calculus.*

Three hours. Second Term. Elective for students who have passed in 12 and 13.

Professor DAVIS

*31. *Applications of the Integral Calculus.*

Three hours. Third Term. Elective for students who have passed in 13.

Professor MANNING

*15, 16, 17. *Differential Equations.*

Three hours. Through the year. Elective for students who have passed in 13.

Professor MANNING

*8. *Determinants and Theory of Equations.*
Three hours. Second Term. Elective for students who have passed in 3 or 5, 6, 7.

Mr. Currier

*11. *Modern Methods of Analytic Geometry.*
Three hours. Third Term. Elective for students who have passed in 10.

Professor Manning

PHYSICAL GEOGRAPHY

1w. *Meteorology.*
Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

2w, 3w. *Physical Geography of the Sea and Land.*
Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

Professor Slocum

PHYSICS

1, 32, 4. *Elementary Physics.*
Three hours. Through the year. Elective for all students who have passed in Mathematics 1, 2, 3 or its equivalent.

Professor Barus

*29, 30, 31. *Physics, advanced course.*
Three hours. Through the year. Elective for Juniors, Seniors and Graduates who have passed in Mathematics 12, 13 and 14.

Professor Barus

*5, 9, 10. *Physical Measurements.*
Three hours. Through the year. Elective for students who have passed in 1, 2, 4. Six hours in the laboratory.

Professor Palmer

*17, 18, 19. *Laboratory Course, advanced.*
Three or six hours. Through the year. Elective for students who have passed in 10.

Professors Barus, Palmer and Watson

CHEMISTRY

1, 2, 3. *Descriptive Chemistry.*
Three hours. Through the year. Elective for all students.

Professor Bucher

*4. *Qualitative Analysis.*
Three hours. Six hours of attendance. First Term. Elective for Juniors.

Professor Appleton and Mr. Ince

*5 *Qualitative Analysis, continued.*
Three hours. Six hours of attendance. Second Term. Elective for Juniors.

Professor APPLETON and Mr. INCE

*6. *Quantitative Analysis.*
Three hours. Six hours of attendance. Third Term. Elective for Juniors.

Professor APPLETON and Mr. INCE

ZOÖLOGY, GEOLOGY AND ANTHROPOLOGY

ZOÖLOGY

*1. *General Course on Invertebrate Animals.*
Three hours. Second Term. Elective for Juniors and Seniors.

Professor PACKARD

*3. *Organic Evolution.*
Three hours. Third Term. Elective for Juniors, Seniors and Graduates.

Professor PACKARD

GEOLOGY

*1. *Physical Geology.*
Three hours. First Term. Elective for Seniors.

Professor PACKARD

*5. *Structural and Stratigraphic Geology.*
Three hours. Six hours field and laboratory work. First Term. Elective for Seniors.

Professor PACKARD

*2. *Historical Geology, including Paleontology.*
Three hours. Second Term. Elective for Seniors, or those who have taken Geology 1, and Zoölogy 1 and 3.

Professor PACKARD

*9. *Paleontology.*
Three hours. Third Term. Elective for those who have passed in Geology 1, 2.

Professor PACKARD

ANTHROPOLOGY

*1. *General Course.*
Three hours. Third Term. Elective for Seniors and Graduates.

Professor PACKARD

ANATOMY (COMPARATIVE)

*3, 4, 34. *Comparative Anatomy of Vertebrates.*
Three hours. Six hours of attendance. Through the year. Elective for Sophomores, Juniors and Seniors who have passed in 35.

Professor WILLIAMS

*9. *Bacteriology.*
Three hours. Six hours of attendance. First Term. Elective for Juniors and Seniors who have passed in 35.

Professor GORHAM

*10. *Histology*
Three hours. Six hours of attendance. Second Term. Elective for Juniors and Seniors who have passed in 9.
Microscopic anatomy of tissues.

Professor WILLIAMS

*38. *Avanced Histology.*
Three hours. Six hours of attendance. Third Term. Elective for Juniors and Seniors who have passed in 10.

Dr. FULTON

*2. *Invertebrate Anatomy.*
Three hours. Six hours of attendance. Third Term. Elective for students who have passed in 35.

Professor WILLIAMS

*18, 19, 20, 21. *Chemical and Physical Physiology.*
Three hours. Six hours of attendance. Third, First, Second and Third Terms. Elective for Juniors and Seniors who have passed in Chemistry 2.

Dr. SULLIVAN

*16, 17, 30. *Anatomy of the Nervous System.*
Three hours. Six hours of attendance. Through the year. Elective for Juniors and Seniors who have passed in 35.

Professor MEAD

PHYSIOLOGY AND HOUSEHOLD ECONOMICS

This course deals with the fundamental principles which determine health and disease in the community, household and individual. Lectures and laboratory work. Three hours for two years.

1, 2, 3. *General Anatomy, Microscopical Anatomy and Physiology.*
Three hours. Six hours of attendance. Through the year. Elective for all students.
Parallel to Anatomy (Comparative) 15, 1, 35.

Miss SHOREY

4, 5, 6. *Household Economics.*
Three hours. Six hours of attendance. Through the year. Elective for students who have passed in 1, 2, 3.
Composition and nutritive values of food stuffs, physiology of digestion and secretion, bacteria, principles of municipal and house sanitation, personal hygiene. Lectures, visits to public works and hospitals, and laboratory work.

Miss SHOREY

BOTANY

1, 2, 3. *General Morphology, Physiology and Ecology.*

Three hours. Six hours of attendance. Through the year. Elective for Undergraduates.

Professor Bailey and Mr. Collins

Note: 4, 5, 14. will be offered in 1905–06; alternates with 7, 12, 9.

*7. *Lower Cryptogams.*

Three hours. Six hours of attendance. First Term. Elective for students who have passed in 3.

Six hours of attendance.

Mr. Collins

PHYSICAL TRAINING

The aim of the department of Physical Training is the symmetrical physical development of the individual. Physical training, properly conducted, results in erect posture and more graceful carriage as the outcome of muscle control. The exercises stimulate and improve the general tone of the digestive and nervous systems.

Recognizing these facts, and the important relation they bear to the mental work of the students, the College requires every Freshman and Sophomore, unless she is physically unable to do so, to take gymnasium drills for two hours a week during the year. These courses may be elected by the members of the Junior and Senior classes.

Upon entering College each student is physically examined by the Medical Examiner. Physical measurements are also taken by the Instructor. Special treatment and advice will be given in individual cases. At the close of the year similar tests and measurements will be taken, and the gain made by the individual noted.

Excuses from gymnasium work are given only by the Medical Examiner.

During the year team work in Captain and Basket Ball will be conducted. Tennis, tether ball and golf constitute out-door sports.

The general control of the athletic organizations is in the hands of the authorities of the College.

A series of practical talks on personal hygiene will be given during the year by the Medical Examiner of the College.

ATTENDANCE, EXAMINATIONS AND REPORTS

REGISTRATION AND ATTENDANCE

All undergraduate students who desire to attend the College during a given term are required to register at the Dean's office before the first day of such term.

Each student is expected to attend the daily chapel service and also every exercise in the several studies to which she is assigned.

EXAMINATIONS AND STANDING

Except in laboratory, seminary and similar work, all classes are examined at the close of each term.

A student is not admitted to examination in a study in which her term work is unsatisfactory to the officer of instruction or from which she has been absent one-half of the time assigned to the study.

The standing of students is indicated by letters as follows:

H is assigned to those whose work has been exceptionally good.

C is assigned to those who have passed with credit.

P is assigned to those who have passed in the subject, but deserve no higher recognition.

F is assigned to those whose work during the term has been so unsatisfactory that in the opinion of the instructor they should not be allowed an examination, or to those whose examination has been so unsatisfactory that it should, in the opinion of the instructor, constitute a failure without regard to the work of the term, or to those who in the combined work of the term and the examination have failed to pass in the subject.

I is assigned to those whose work is incomplete, but satisfactory so far as done.

L may be assigned in courses which are to be continued the following term, to those whose work while not an unequivocal failure is of a low grade. This mark will be changed to either *P* or *F* as the student's subsequent work may determine.

Abs is assigned to those who are absent from examination, unless *F* has already been assigned.

A student who receives the mark *F* must pursue the subject again with a succeeding class, or if the instructor allows, under a tutor appointed by the head of the department; or, if the failure is in an elective course, she may take as a substitute some other course approved by the Committee on Admission to Advanced Standing.

Examinations other than those regularly appointed are not held except in case of (1) candidates for advanced standing whose examinations are authorized by the Committee on Admission to Advanced Standing, (2) students detained from the regular examination whose absences have been excused by the Dean, (3) students who have been allowed to pursue, under appointed tutors, studies in which they have failed at a regular examination.

A student who wishes to take a special examination must obtain from the Registrar of the Women's College a written authorization, for which she shall pay a fee of two dollars, unless this is remitted by the Dean, and must then arrange with the officer of instruction for the examination.

A student who at the close of a term has failed in three or more studies, counting for more than eight hours of work a week, cannot be again registered without special action of the Faculty.

DEPARTMENTAL HONORS

Term honors in any department are awarded to those who receive the mark *H* in a given term.

Final honors in any department are awarded at the completion of the studies leading to a baccalaureate degree to those who have secured (1) term honors in the department in

courses aggregating eighteen or more term hours, (2) a mark of *C* or *H* in eighty-five per cent. of all their courses of study. Certain specified courses, however, in any department may not be included in those counted for final honors.

The names of all students awarded Final Honors are printed in the Commencement Program and in the Annual Catalogue of Brown University.

REPORTS OF ATTENDANCE AND PROFICIENCY

A careful record is kept of the attendance of every student of the College, and of her proficiency in her several studies. The standing of every undergraduate student is determined at the close of each term. A report is sent to the parent or guardian of every undergraduate student containing the record of all absences from required exercises, indicating her standing in each of her studies for the term, and announcing her deficiency in any study or studies if such deficiency exists.

EXPENSES

Students at the Women's College pay the same amount as other students of the University.

Tuition, $105 a year.

No deduction in tuition is made on account of absence.

Incidentals, $45 a year.

The incidental expenses are for the printing of programs, examination papers and the like, the use of the library, heat for the halls and recitation rooms, and the wages of servants to care for the same.

One-half of the tuition and of the incidental expenses are to be paid in advance. The remainder is due January 1st. Laboratory expenses, etc., are to be paid two weeks before the close of a term.

Matriculation: Every member of the Freshman class pays, upon admission to the University, a matriculation fee of $5.

Graduation: Every member of the Senior Class pays at

the close of her course a fee of $8 for her diploma and other expenses connected with graduation.

Special Students at the Women's College are charged $10 per term for each course holding three recitations per week. Laboratory charges are in addition to this.

SPECIAL LABORATORY DUES

All students who take the courses specified below pay the following special sums:

CHEMISTRY

Students who take courses 1, 2 or 3 are charged $3 a term, in addition to the regular charges for tuition.

Students who take advanced courses in analytical chemistry are charged $5 a term for a three-hour course, and $10 for a six-hour course, in addition to the regular charges for tuition.

The above fees include the use of common chemicals, but students are charged for breakage and special chemicals.

PHYSICS

Students who take courses in the physical laboratory pay $5 a term for a three-hour course (six hours attendance).

BOTANY

Students who take courses in Botany pay $3 a term.

COMPARATIVE ANATOMY

The charge for a laboratory course is usually $5.

RESIDENCE

The College owns one dormitory, the Slater Memorial Homestead, which contains for the accommodation of students four double rooms and nine single rooms. All the rooms are well furnished. One of the single rooms, on the second floor, is unusually large, and for it and board the charge is $8.25 a week. Two of the single rooms, on the third floor, are very small, and for each of them and board the charge is $5.25 a week. For all the other single rooms, and for half of each

double room, together with board, the charge is $6.25 a week. Students are charged with room rent, but not with board during the vacations which occur in the academic year. The rate is $2.50 a week for the majority of the rooms; $4.50 and $1.50 for the special rooms mentioned above. Payment for each term must be made in advance.

Laundry work is done in the house at a moderate price.

It is possible for students to obtain rooms very near the Slater Memorial Homestead and take their meals at the dormitory.

Desirable homes for students may also be obtained in private families. Lodgings, with or without board, may be secured on consultation with the Dean.

ROOM CONTRACTS

Each student renting a room in the dormitory must sign a contract therefor in the form given below, on which surety may be demanded, binding her to pay or see paid the rent of the room through the entire year. Where two students rent a room together, each must sign a contract for half the room expenses. This obligation is not impaired by the student's removal from the College, whatever the cause of such removal.

FORM OF CONTRACT

The following is a contract between the Women's College in Brown University, party of the first part, and the undersigned, party of the second part. I hereby engage room No. in Slater Memorial Homestead; the same not to be occupied by any other person without consent of the party of the first part, and I bind myself to pay or cause to be paid to the Dean of the Women's College in Brown University the entire rent, including heat and service, amounting to $ for the college year beginning September, 190 .

It is a part of this agreement that I shall be held responsible for all damage or defacement of such room or its furniture, ordinary wear excepted; also that disuse of the room by me on account of illness, or in case registration is refused me owing to low standing or bad conduct, does not impair the obligation of this contract.

Signed .....

This day of 190 .

Students who desire to retain the rooms rented by them during the present year may do so by signing new contracts for the coming year.

LOAN FUNDS

The Rhode Island Society for the Collegiate Education of Women has founded a Loan Fund from which students of the Women's College who have completed their first year may borrow small sums on easy terms. This fund is available only for students whose record for scholarship is satisfactory to the committee which administers the loans. Further information may be obtained from the Dean.

COLLEGE AID

The College awards annually from its own funds scholarships of varying amounts to students in need of financial aid. These scholarships are given only to students whose work is creditable, and are withdrawn if their holders become deficient in scholarship or subject in any way to college discipline. Application for scholarships may be made to the Dean. Awards are not made until July first of each year.

SCHOLARSHIPS AND PREMIUMS

The Sarah E. Doyle Scholarship for young women, of one thousand dollars, founded by the lady whose name it bears, the income to be applied toward the payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The Sarah Sutton Scholarship for young women, of one thousand dollars, founded by one of her eight daughters.

The Daniels Scholarship of twenty-five hundred dollars, the income to be used toward paying the expenses of one or more women pursuing studies either in the University or in the Women's College adjunct thereto.

The Howard Scholarship of one thousand dollars presented by James Island Howard of Hartford, Conn.

The Joseph Thayer Scholarship of sixty-five hundred dollars, the income to be for the education of any young man *or woman*, who is a resident of the town of Uxbridge, desiring a liberal education.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the graduating class of the Women's College who shall present the best essay upon some topic in American history. The topic for the year 1903-1904 was "The Treaty of 1783 between Great Britain and the United States." The successful competitor was Florence Butler Beitenman. The topic for the year 1904-1905 will be "The Committees of Correspondence in the New England Colonies." The essays are to bear each an assumed name, but to be accompanied by an envelope marked with such assumed name and enclosing a sheet of paper with the candidate's real name and address. The essays must be handed to the Dean before May 1, 1905. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. Women candidates successful in first premium contests receive collateral prizes awarded by the Dean.

Further information in regard to the work of the Women's College may be secured, and catalogues obtained by addressing the Dean.

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